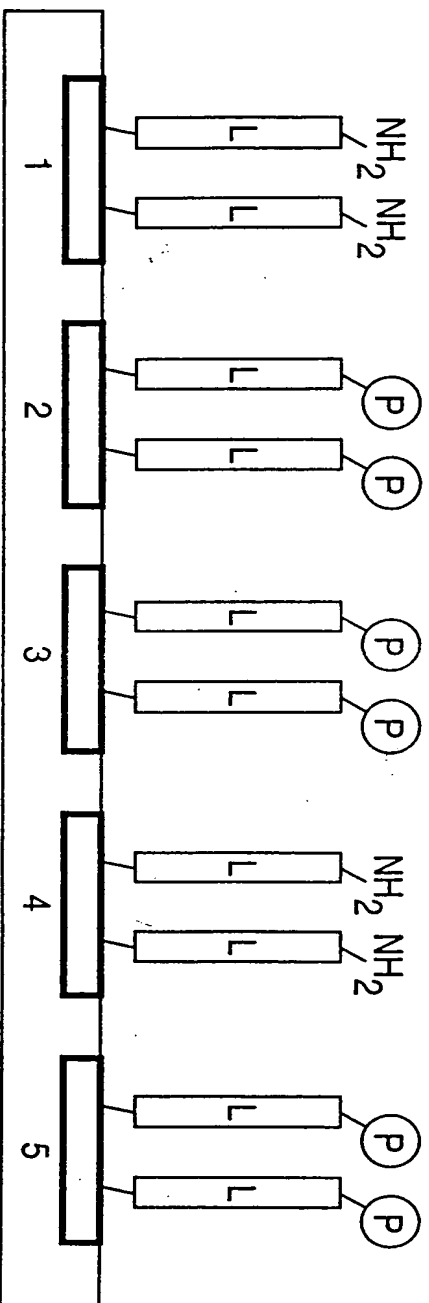
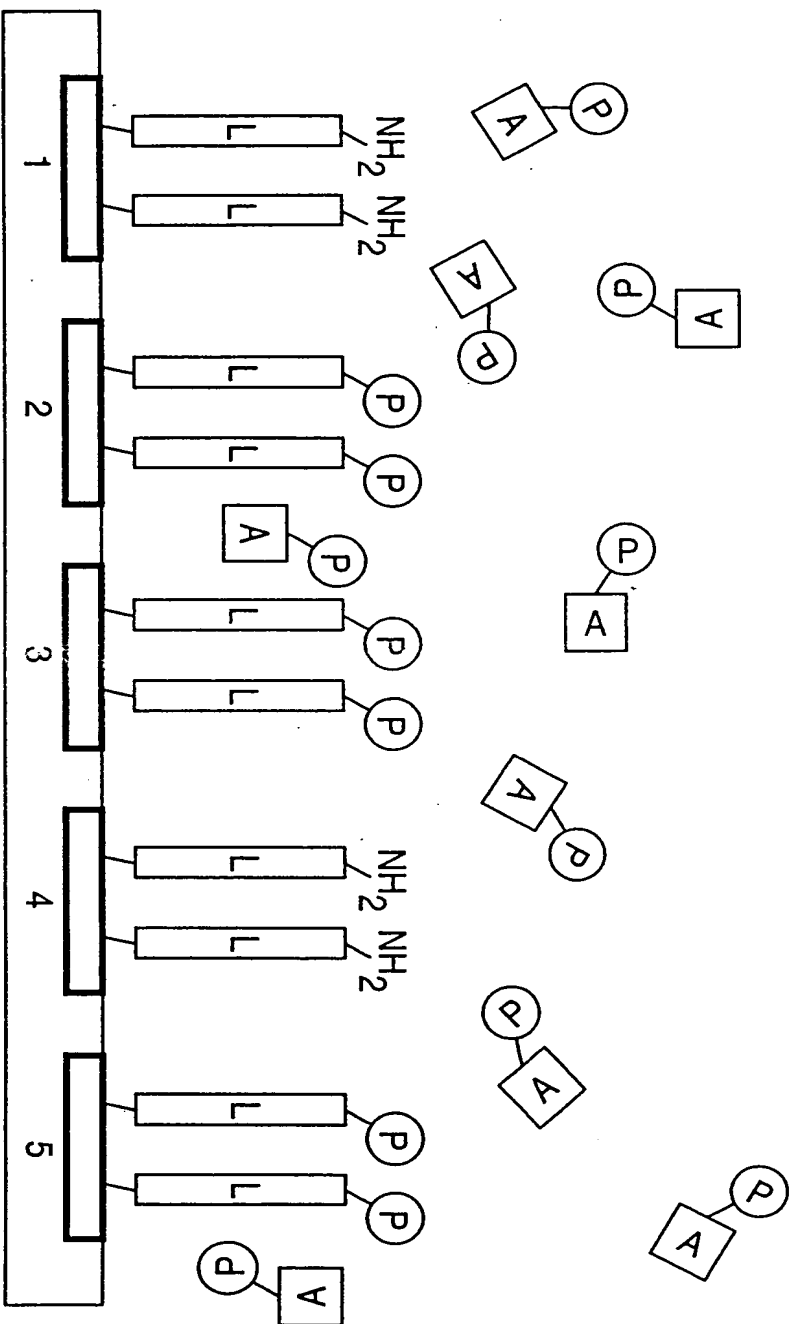


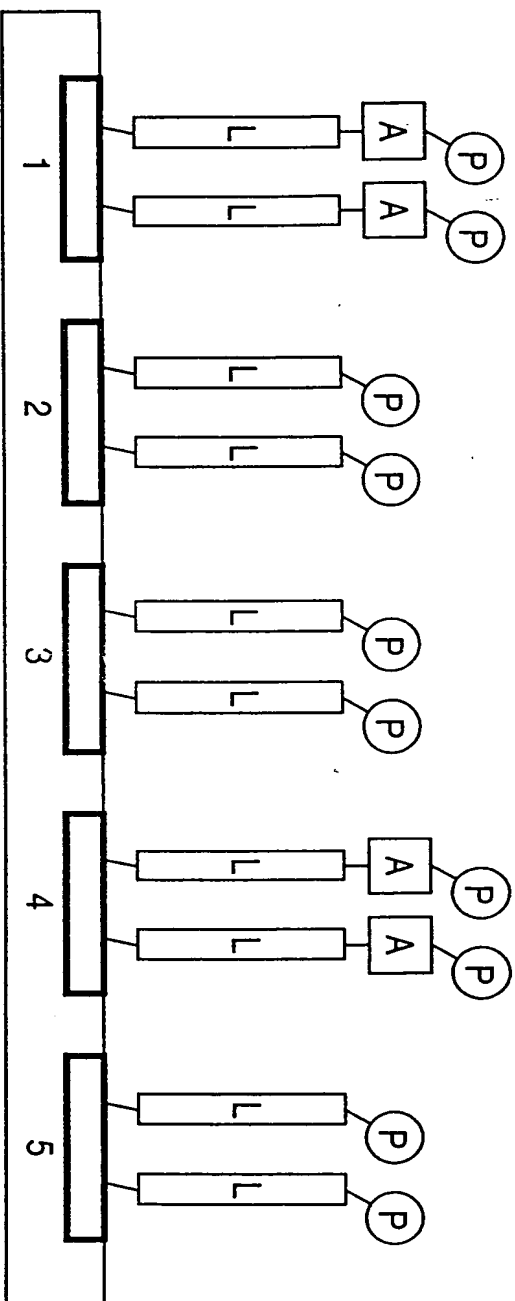
**FIG. 1a**



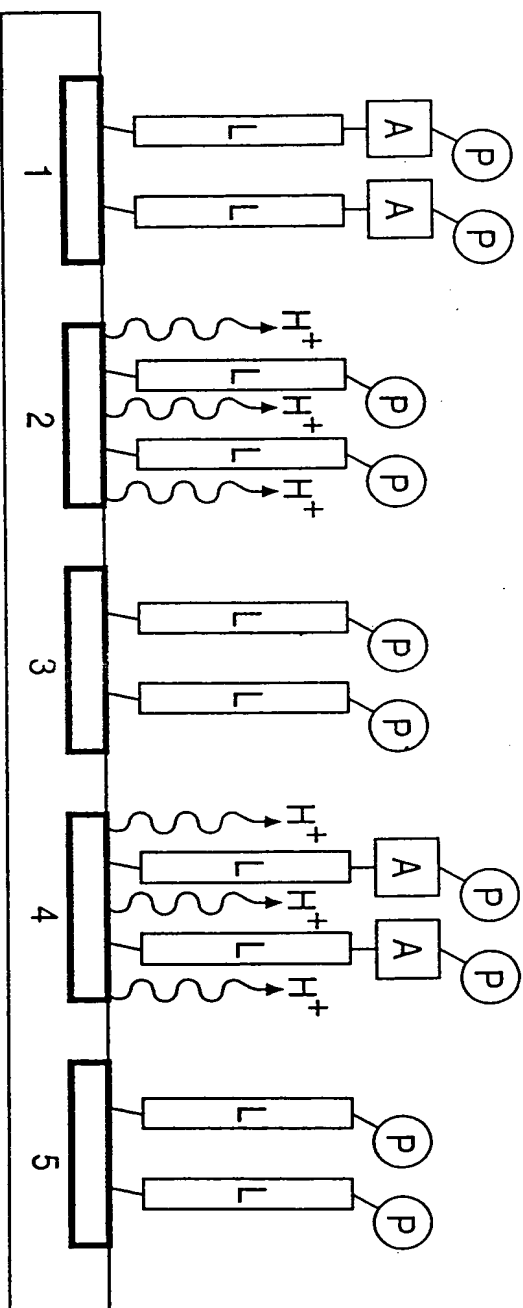
**FIG. 1b**



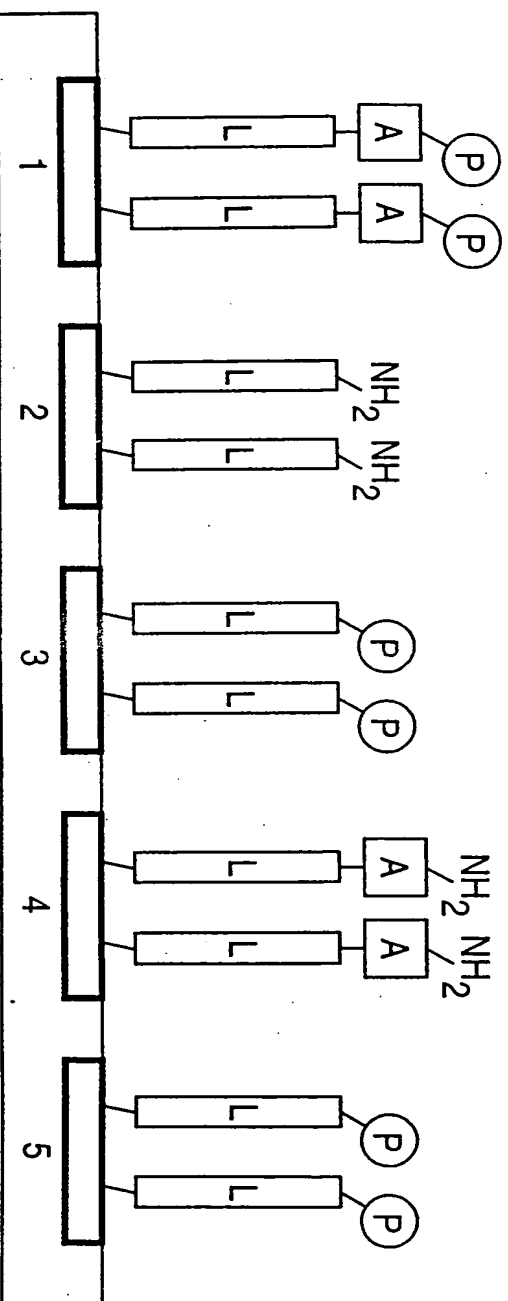
**FIG. 2a**



**FIG. 2b**

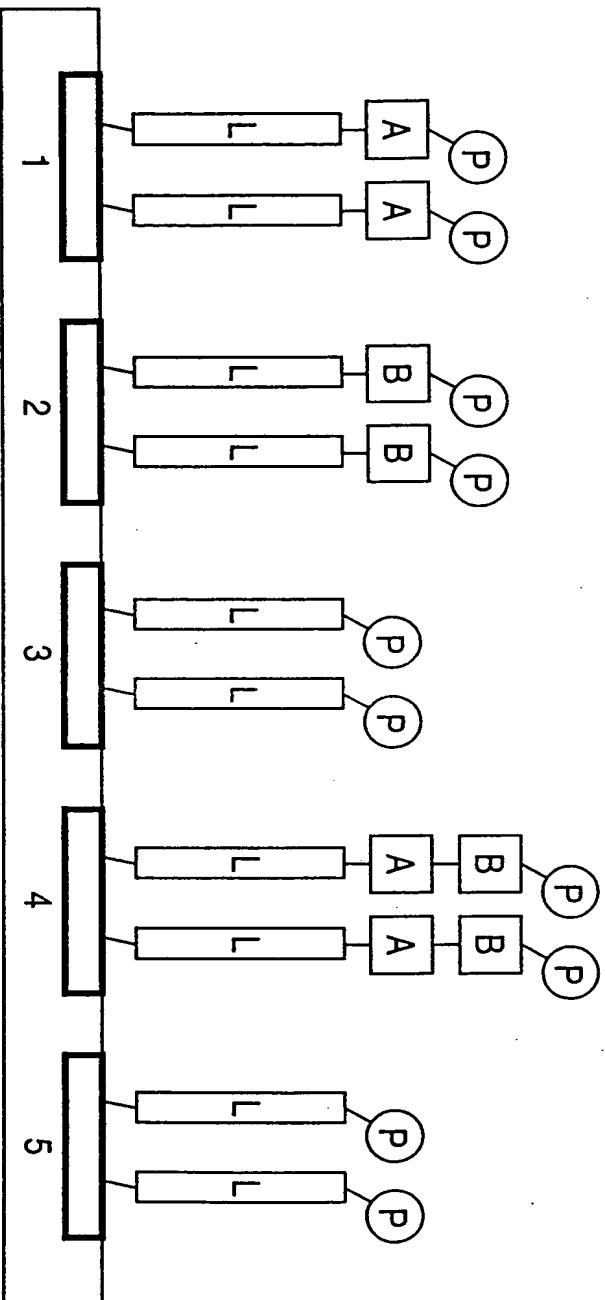


**FIG. 3a**

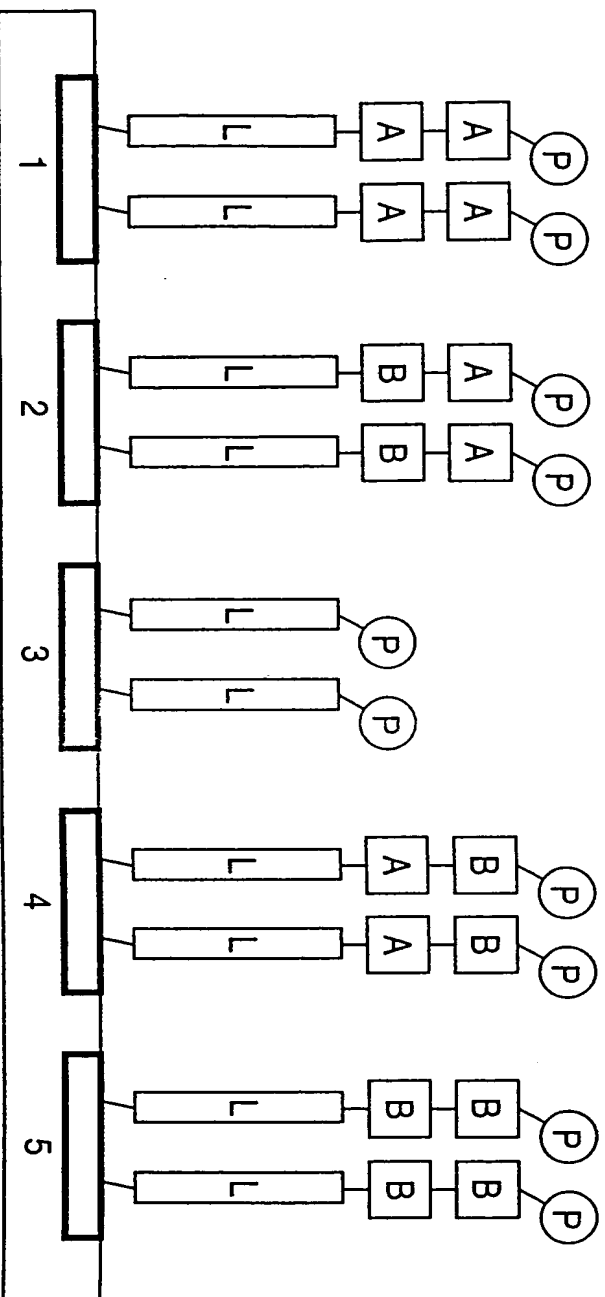


**FIG. 3b**

[illegible]

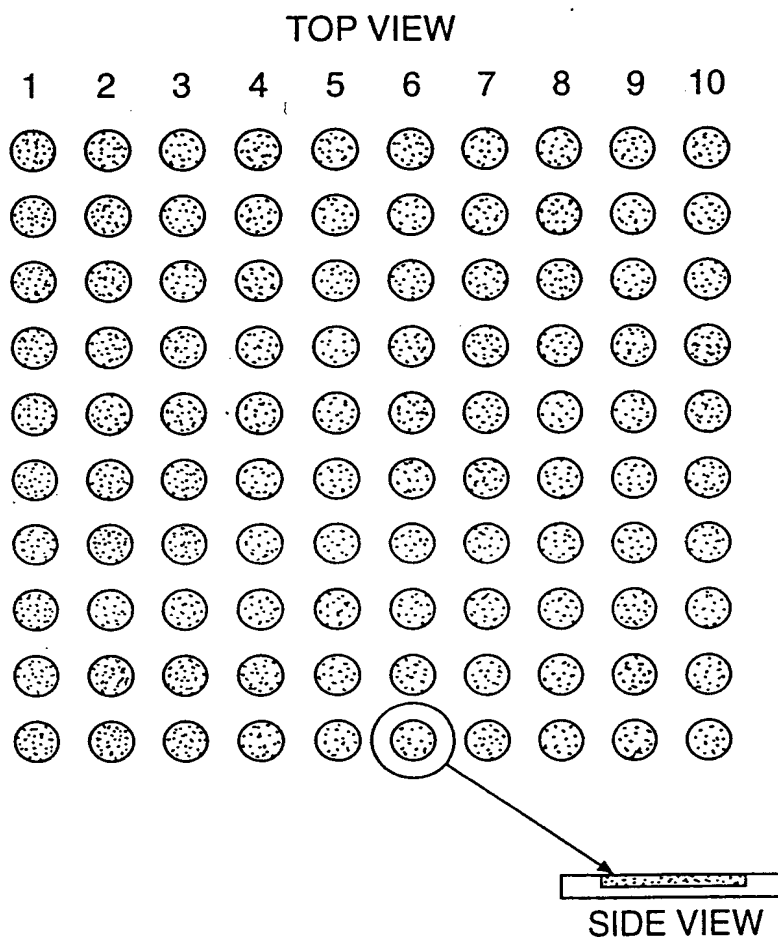


**FIG. 4b**



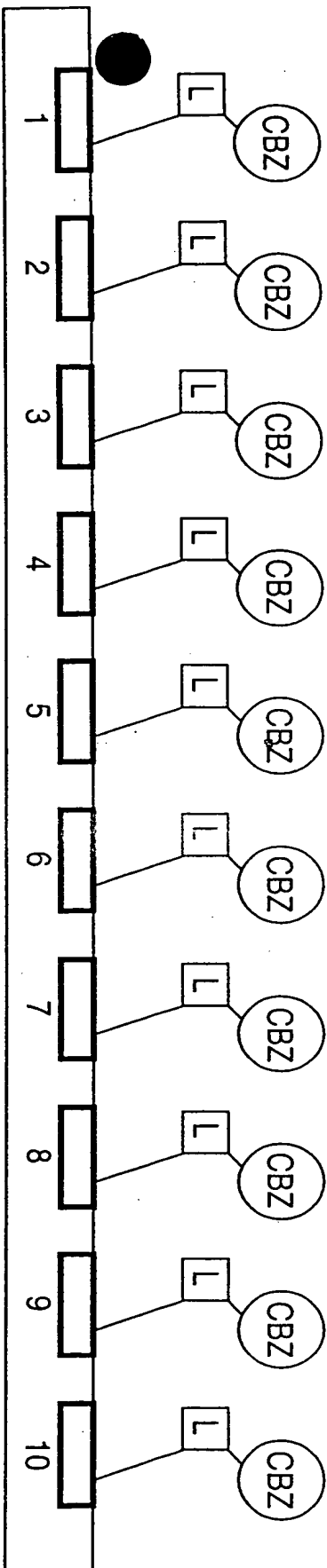
**FIG. 5**

660760" BETHLEEM

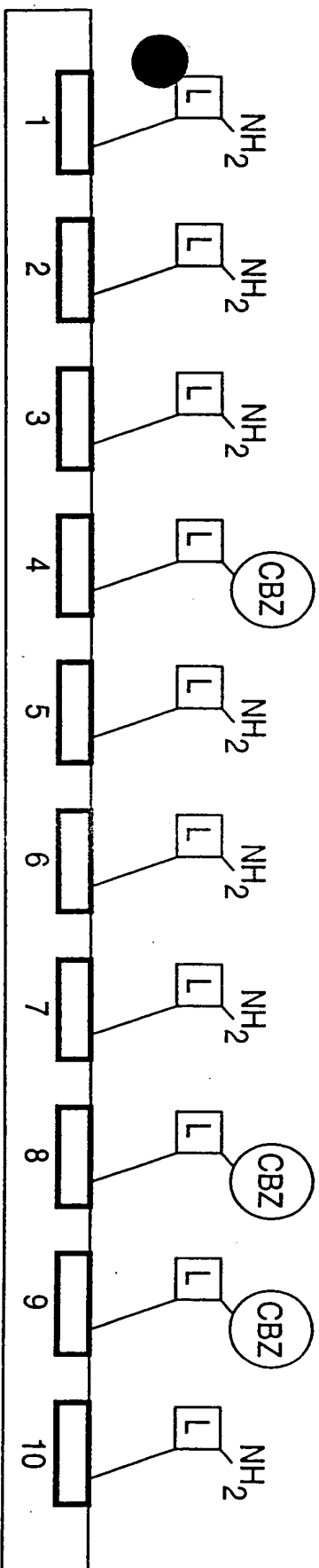


**FIG. 6**

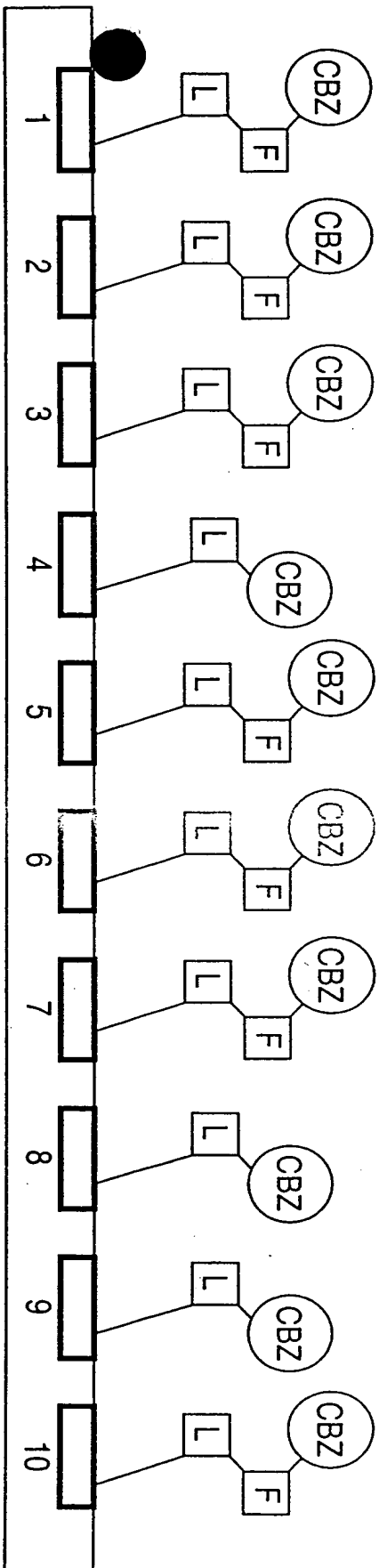




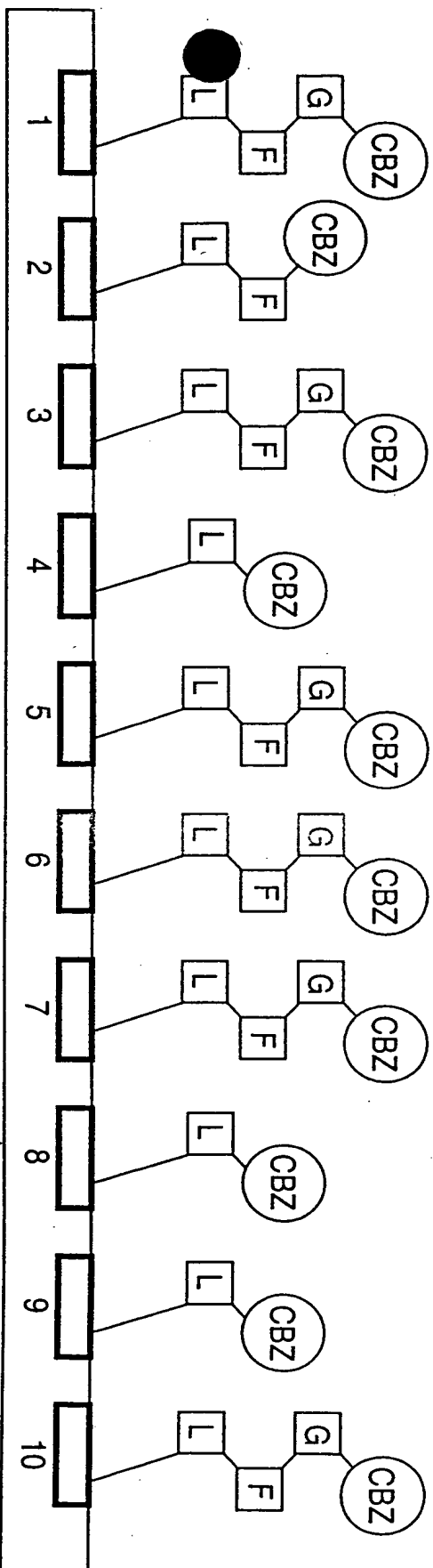
**FIG. 7**



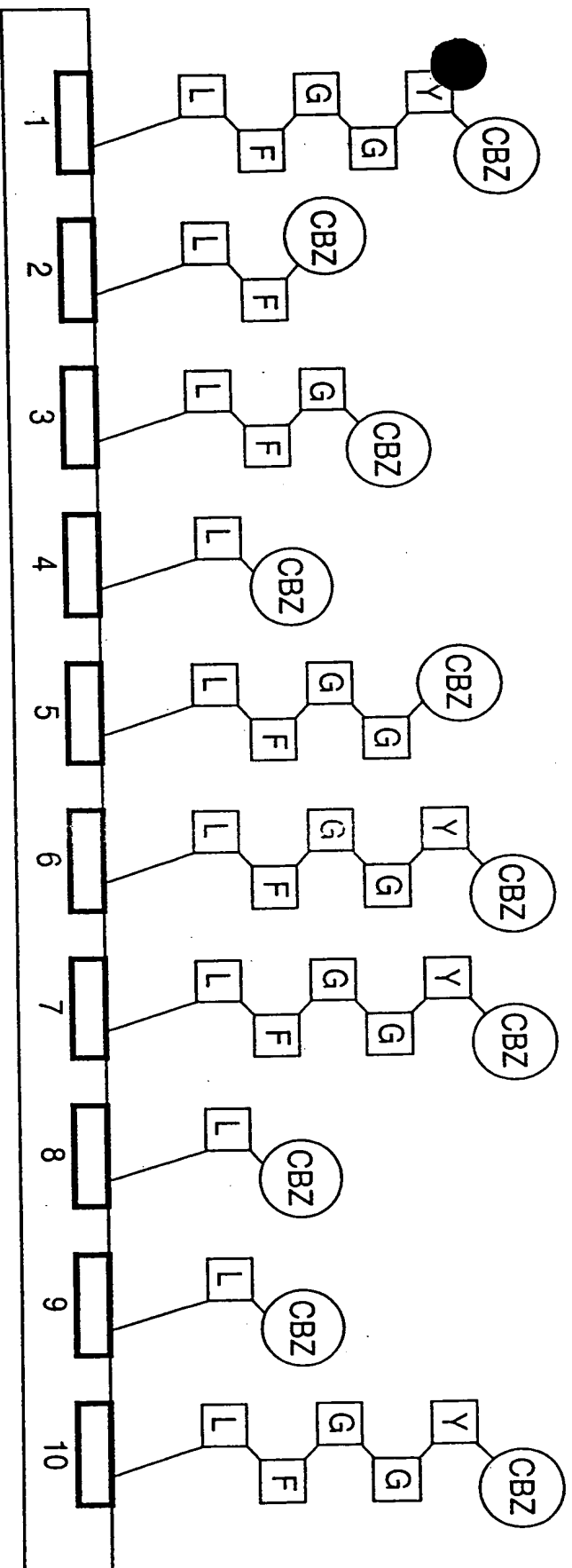
**FIG. 8**



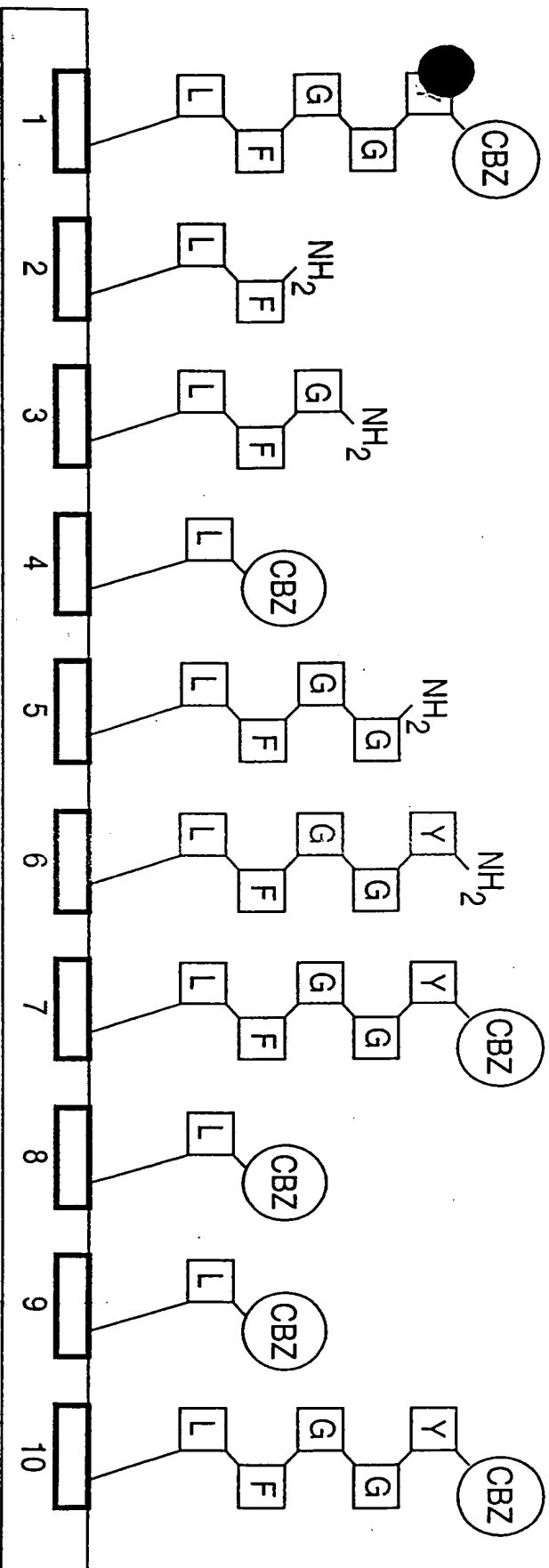
**FIG. 9**



**FIG. 10**

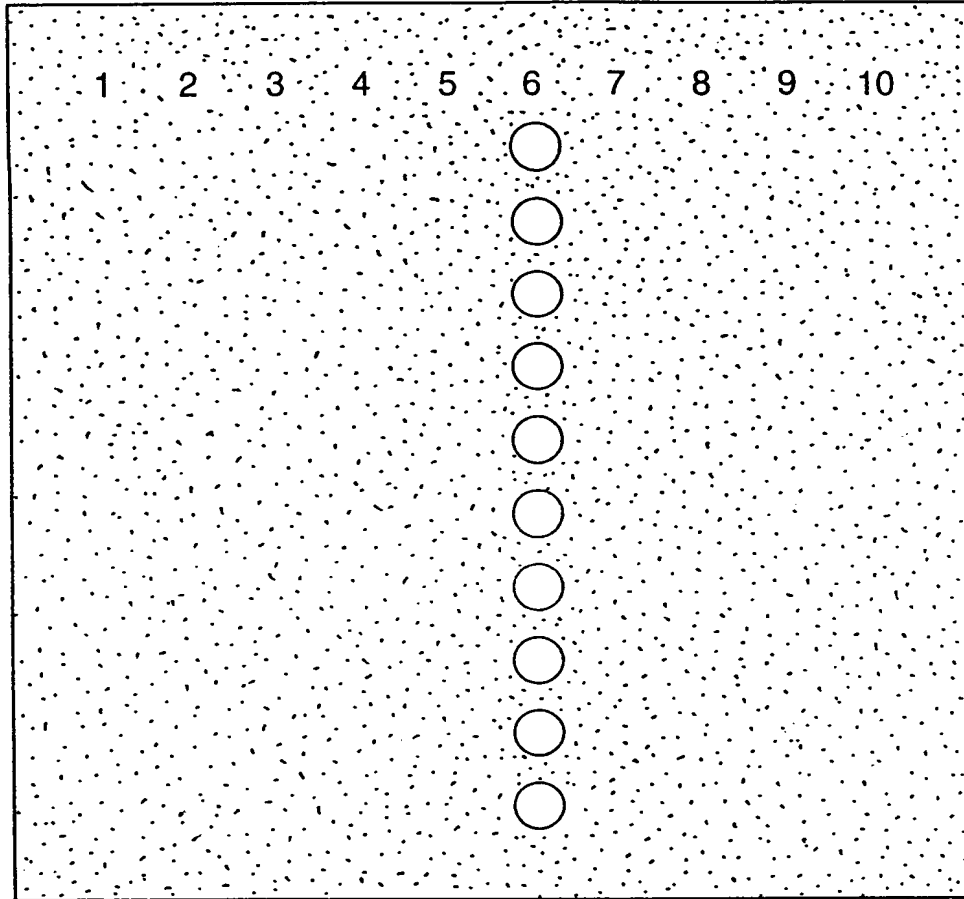


**FIG. 11**



**FIG. 12**

660T60" BETHLEEM



**FIG. 13**

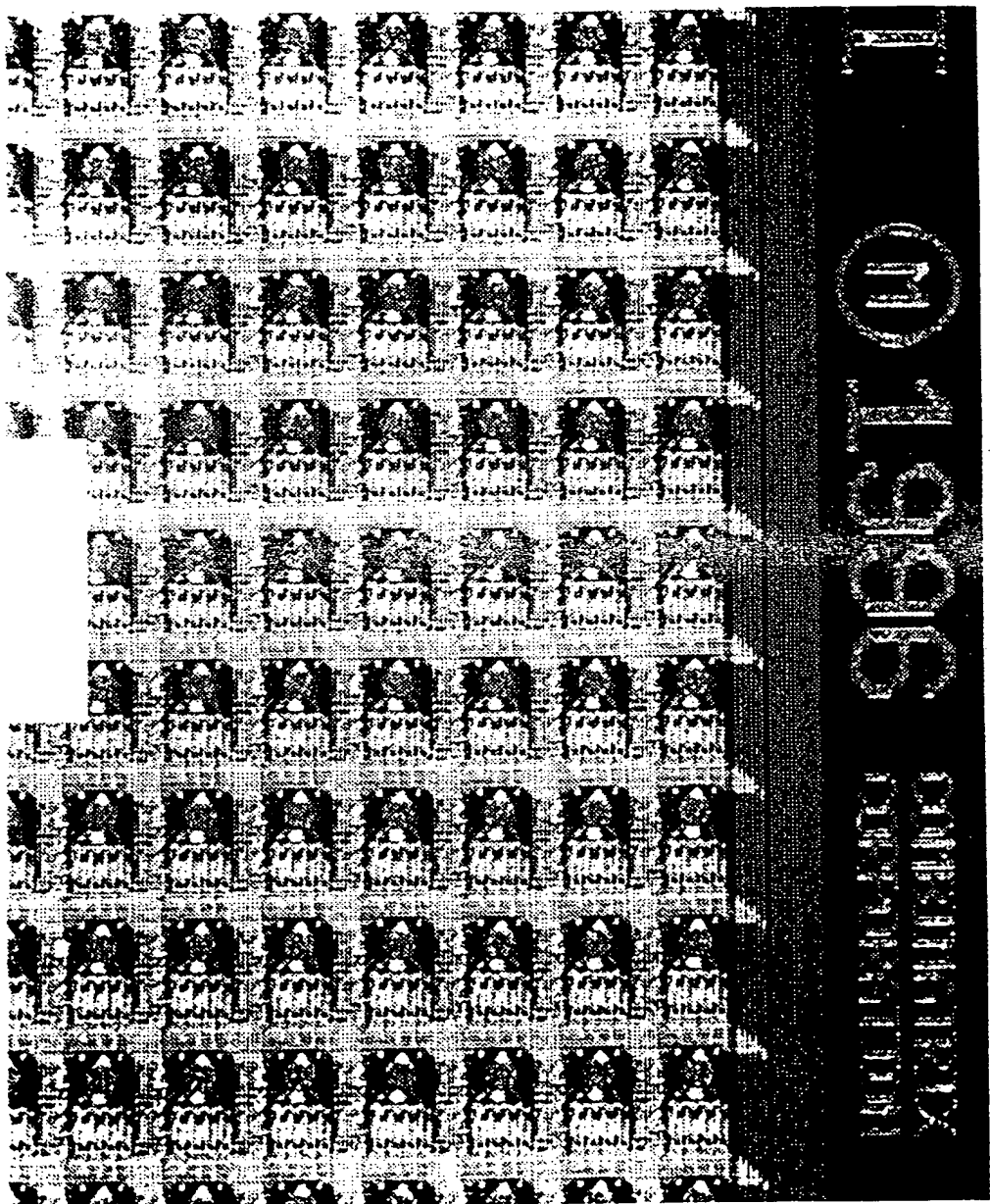


FIG. 14

09394138.091099

1996 COMBINATRIX CORPORATION

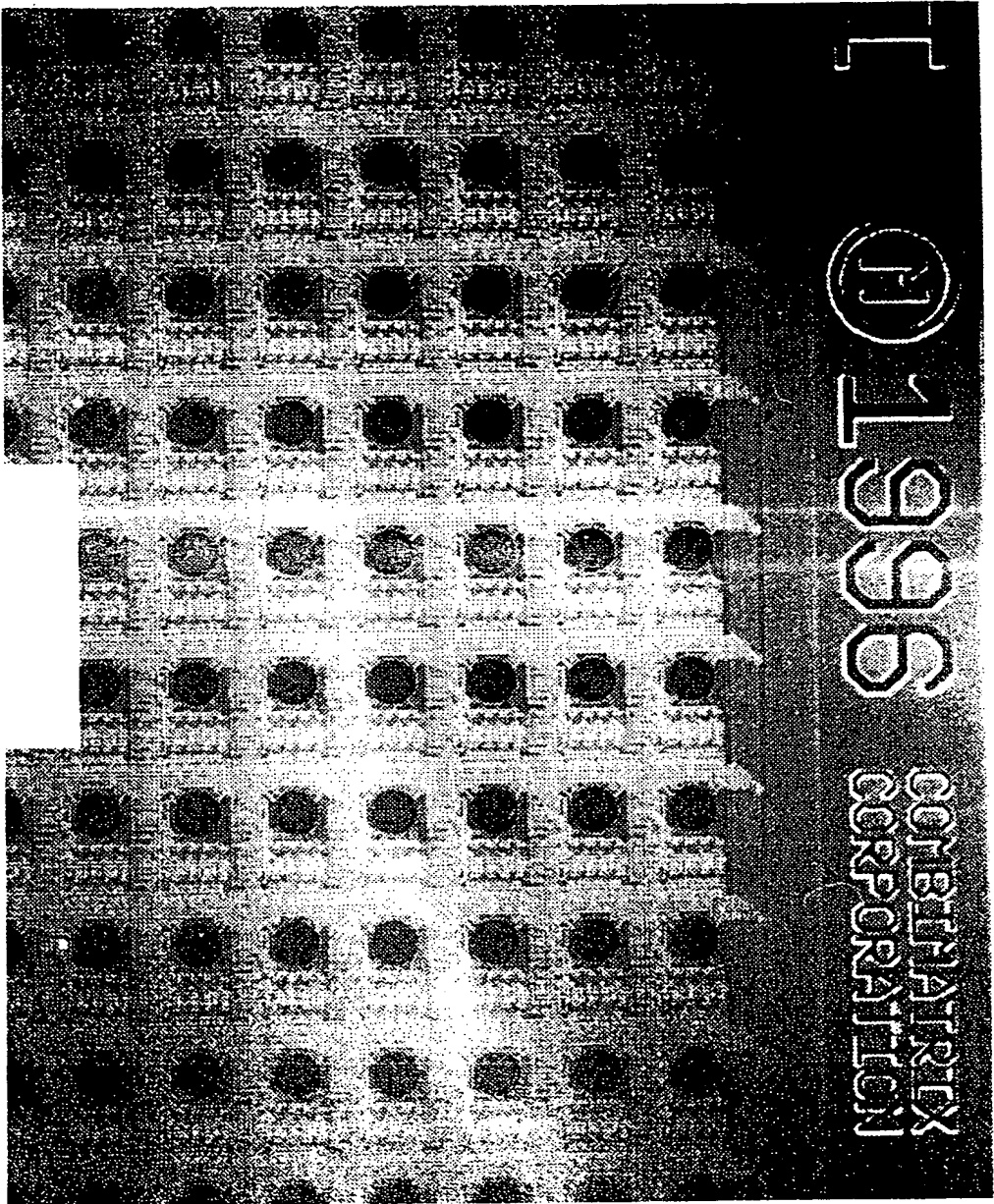


FIG. 15

09394138, 091099

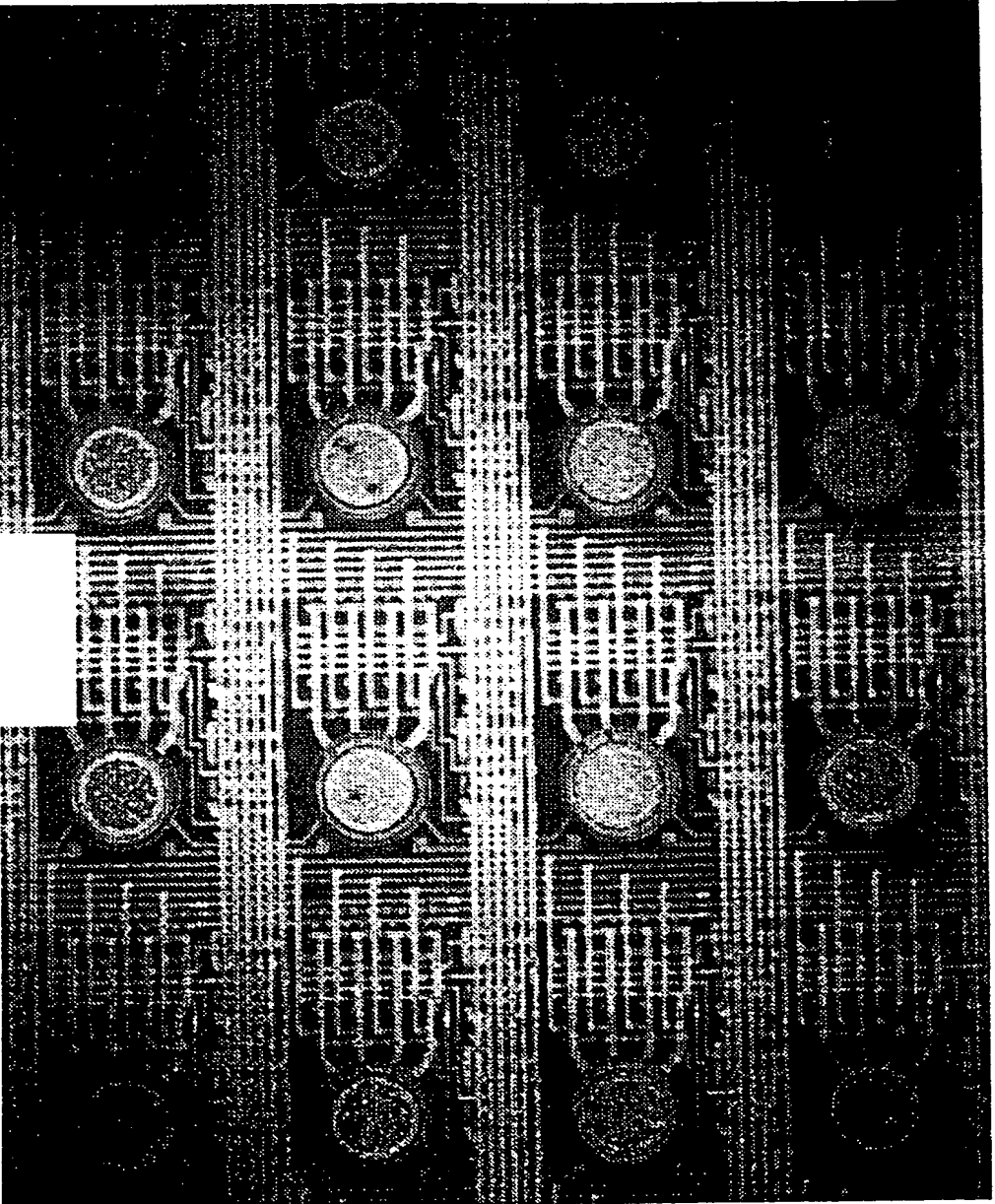


FIG. 16

09394138, 091099



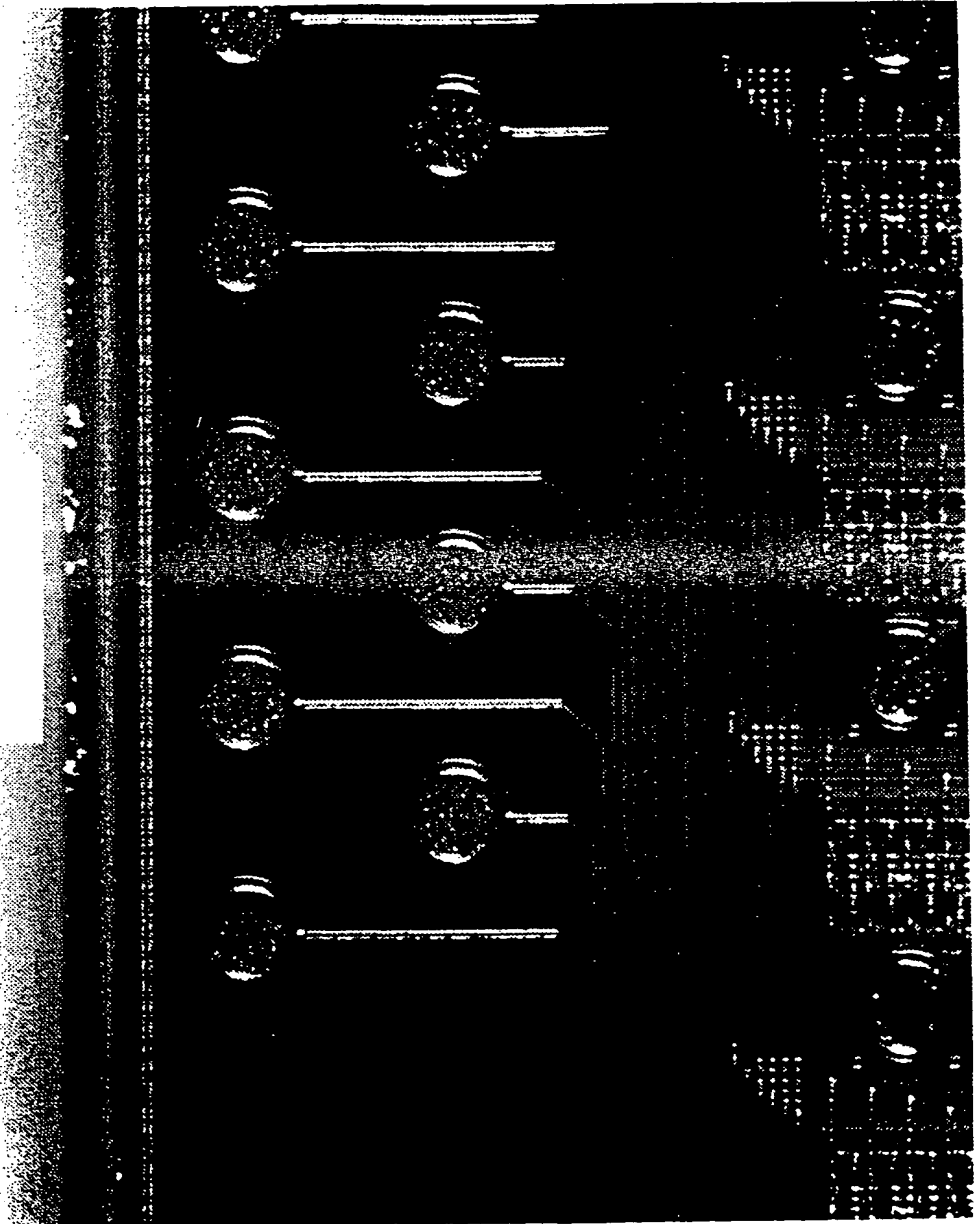
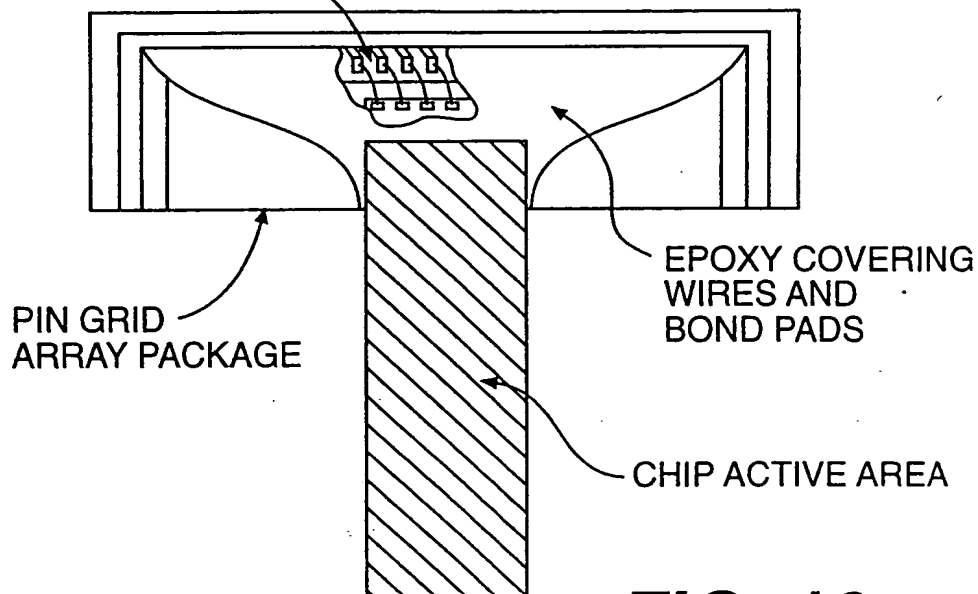


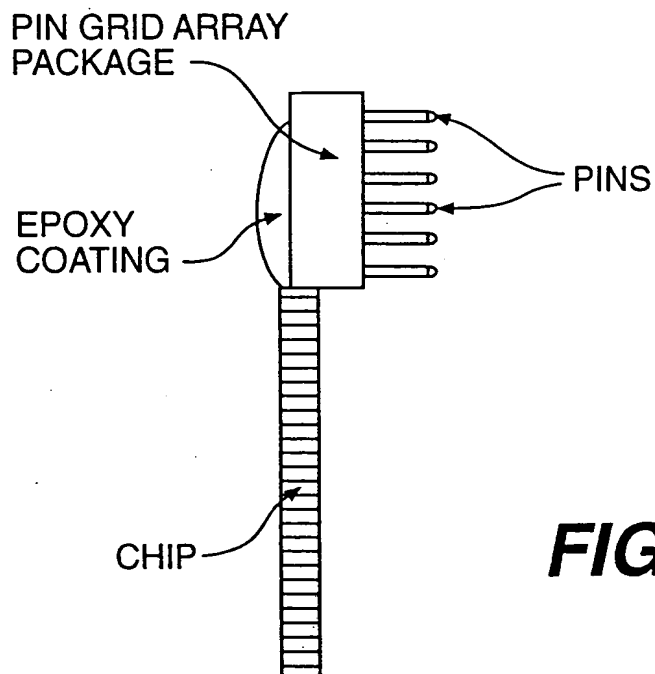
FIG. 17

09394138.091099

CUT AWAY VIEW SHOWING WIRES  
CONNECTING PGA PACKAGE  
TO BOND PADS ON CHIP



**FIG. 18a**



**FIG. 18b**

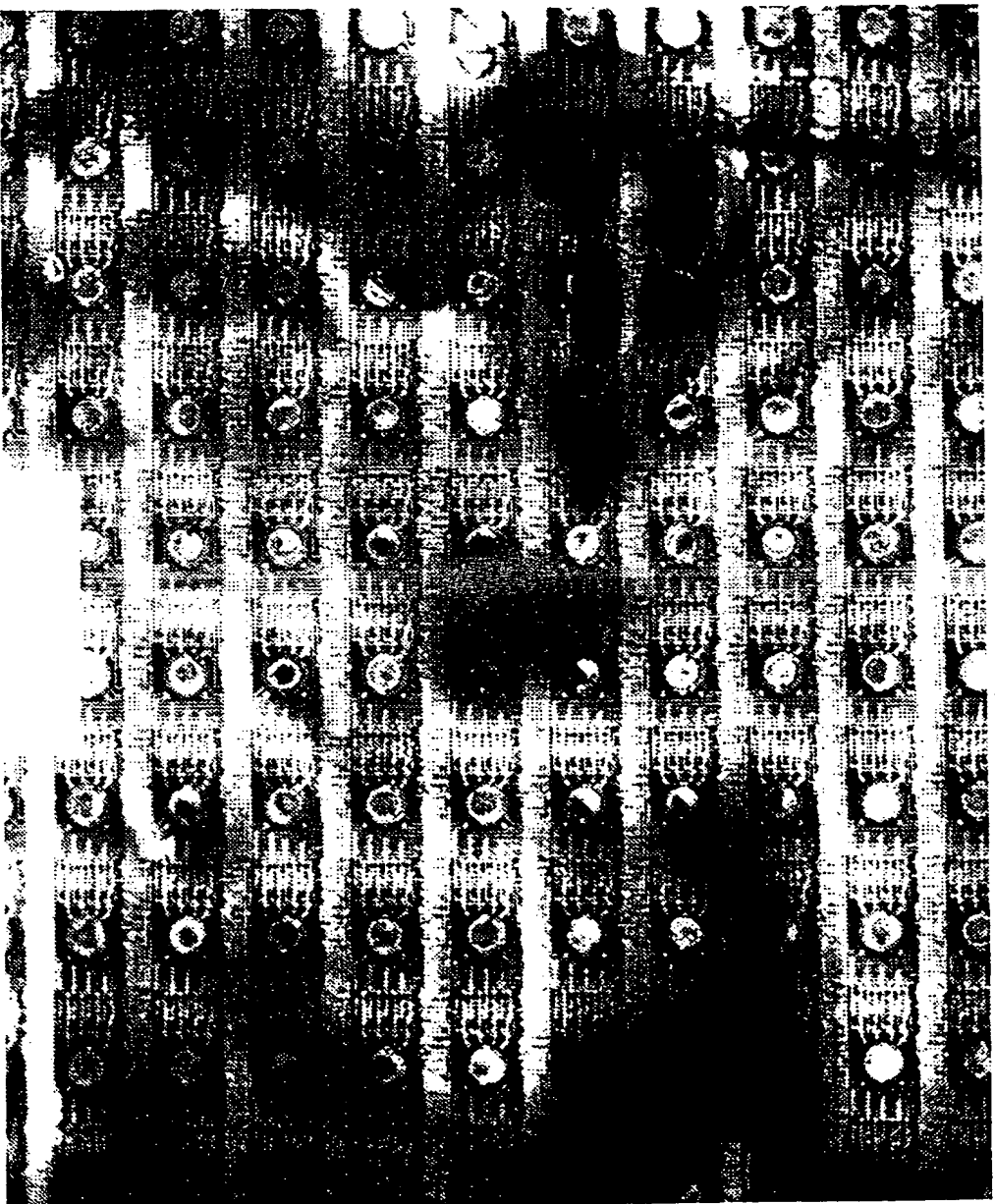
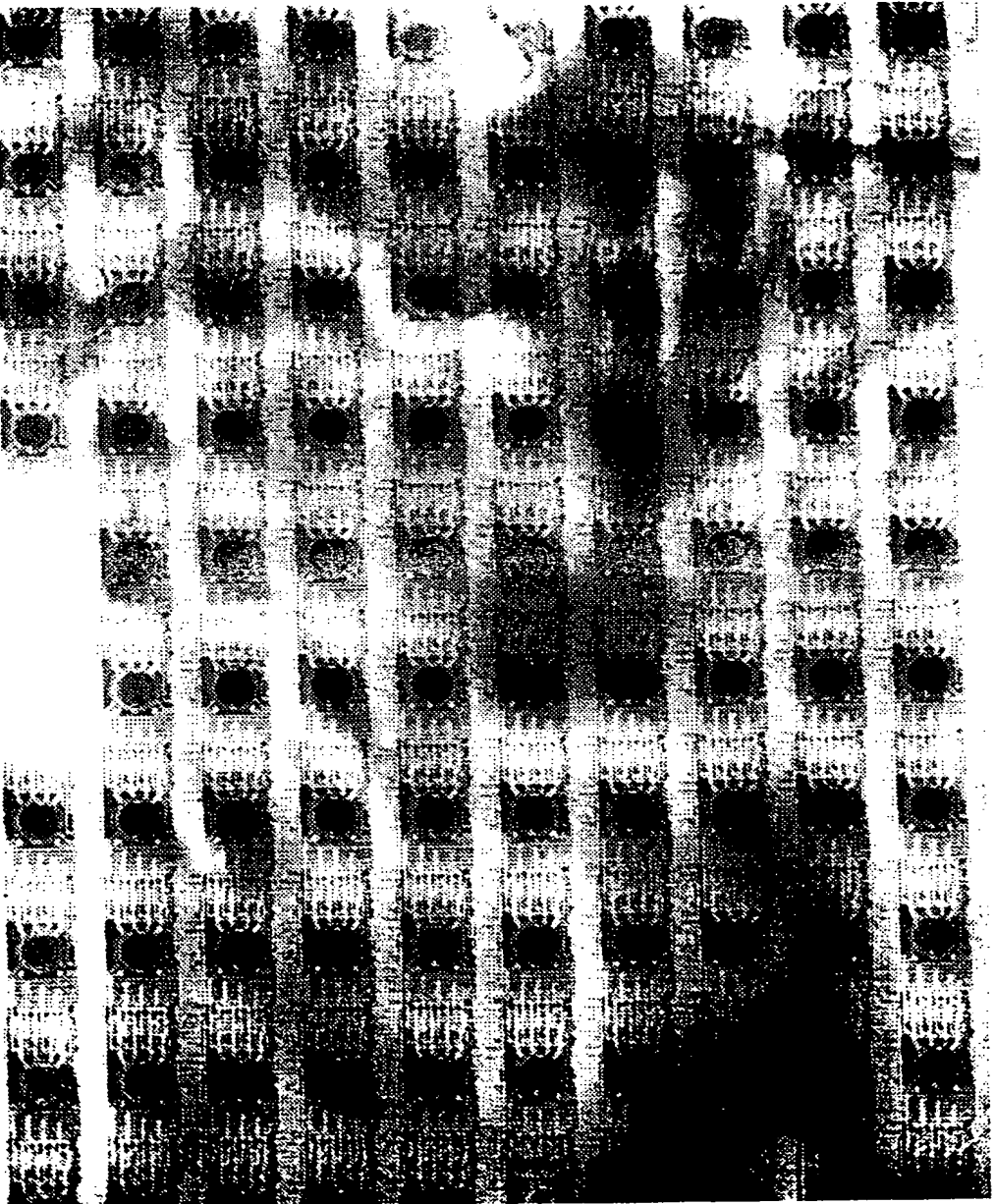


FIG. 19a

09394138.091099



*FIG. 19b*

09394138 .091099

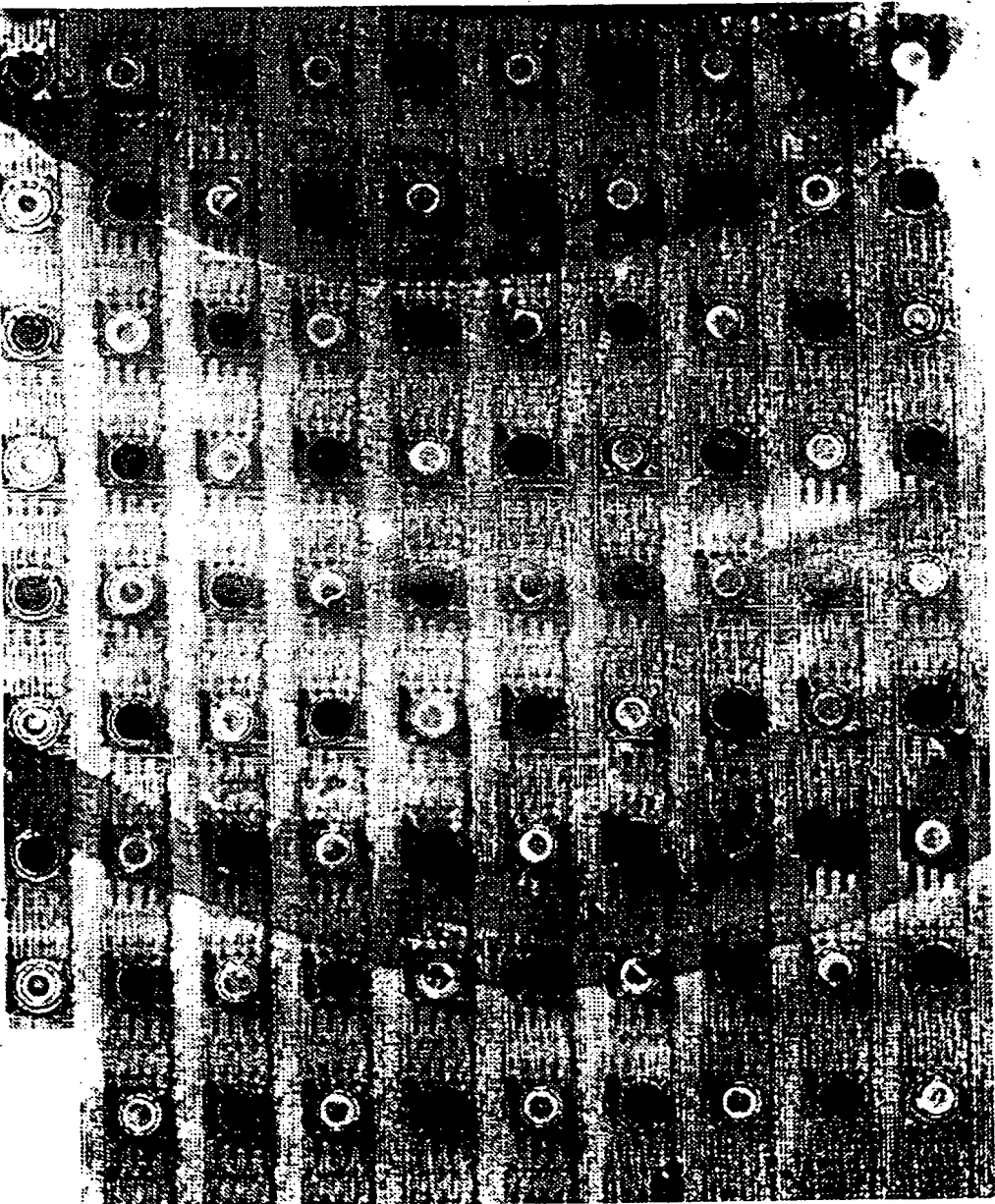


FIG. 20

09394138, 091099

660T60" 8ET46E60

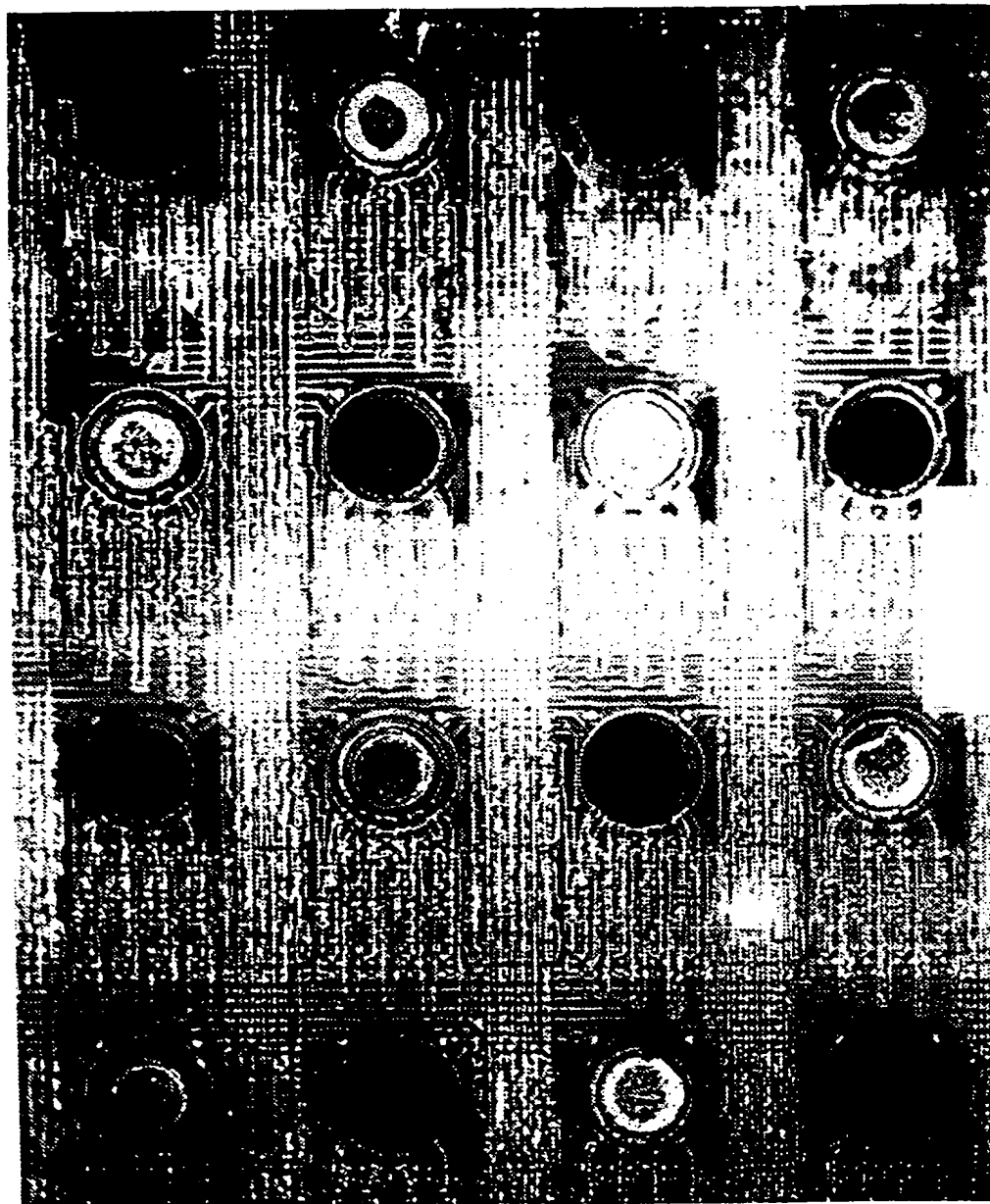


FIG. 21

660T60" BETHLEHEM

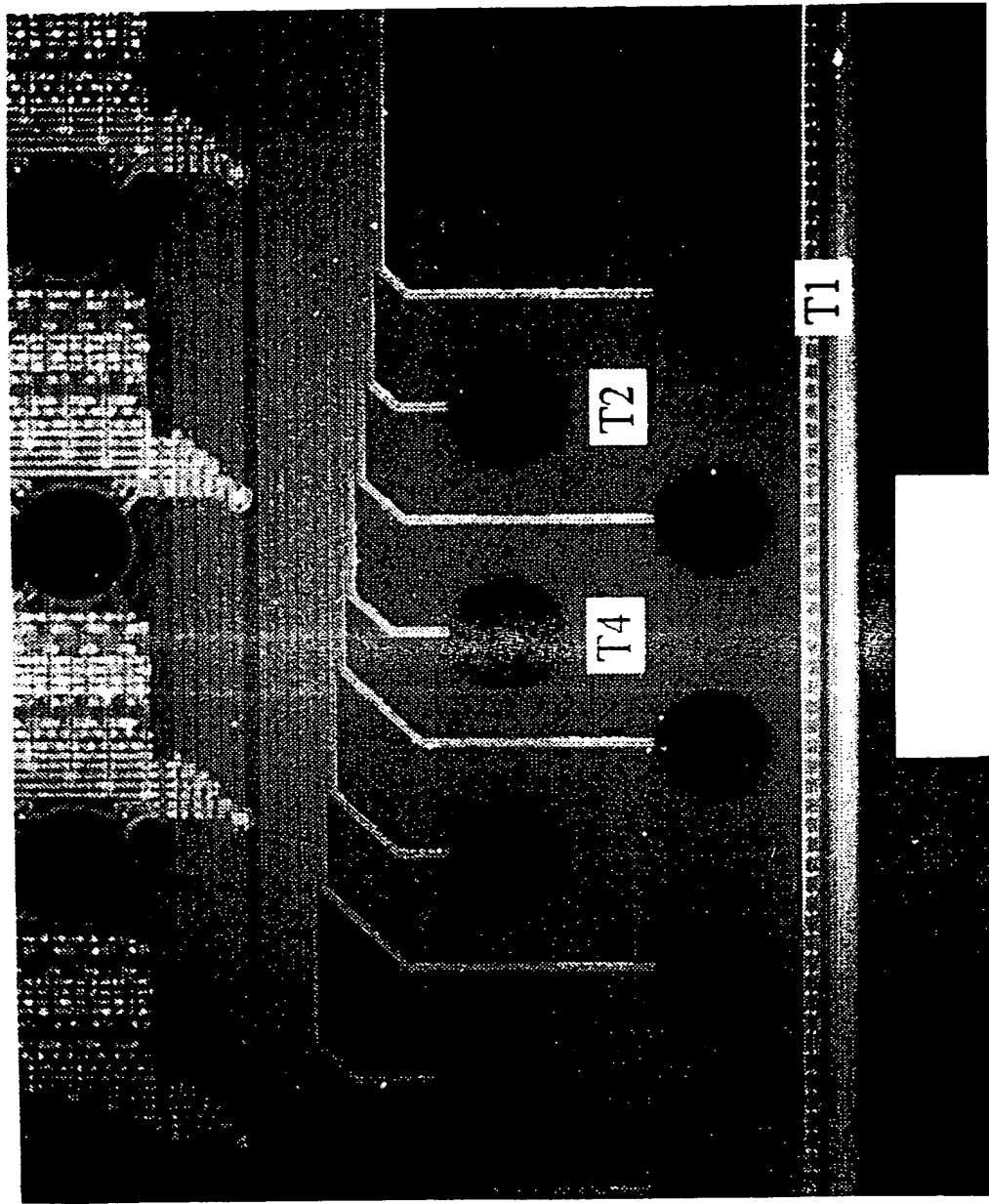


FIG. 22

660760" BETHLEEM

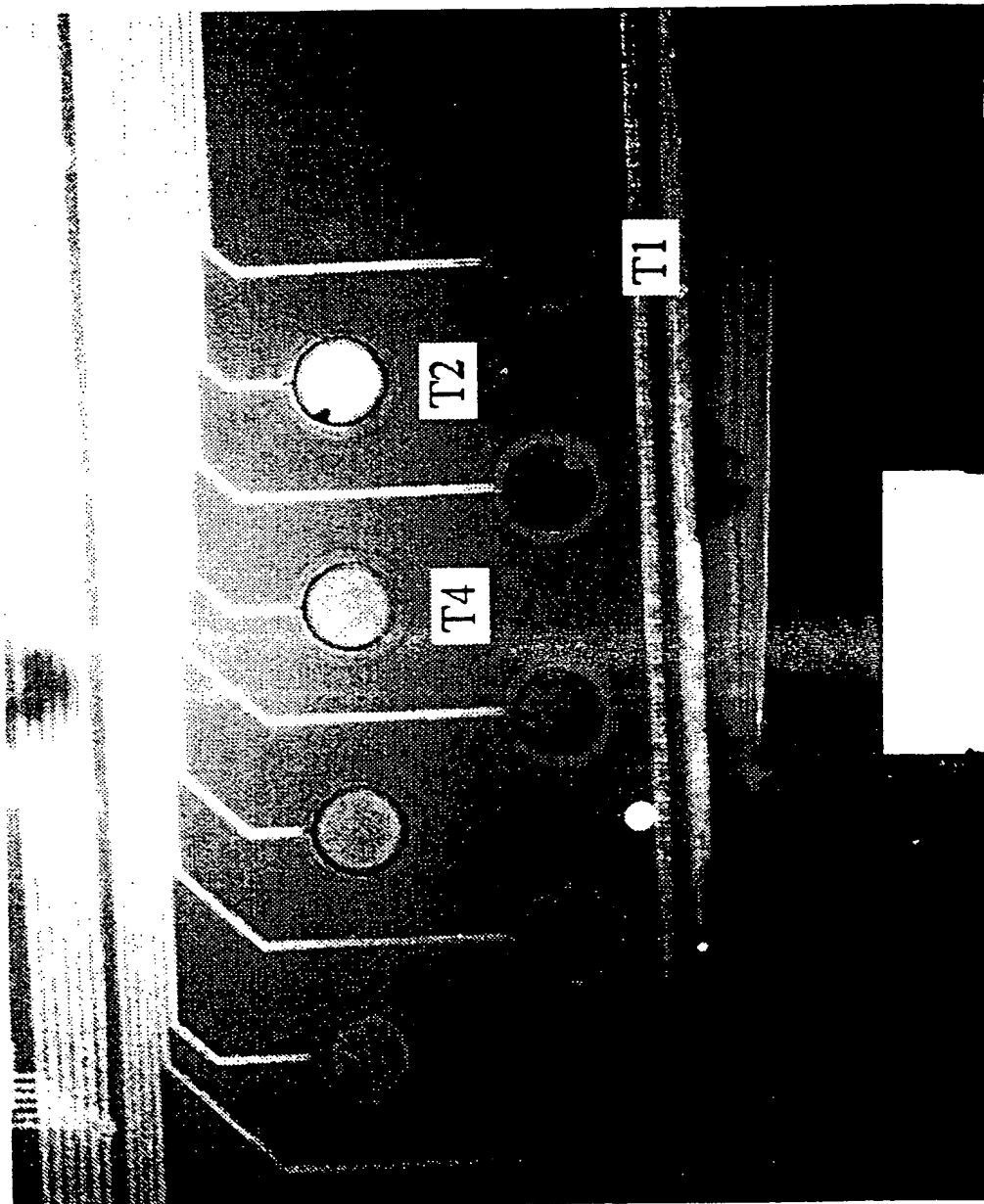


FIG. 23



660T60" BETH6E60



FIG. 24

660T60" SET46E60

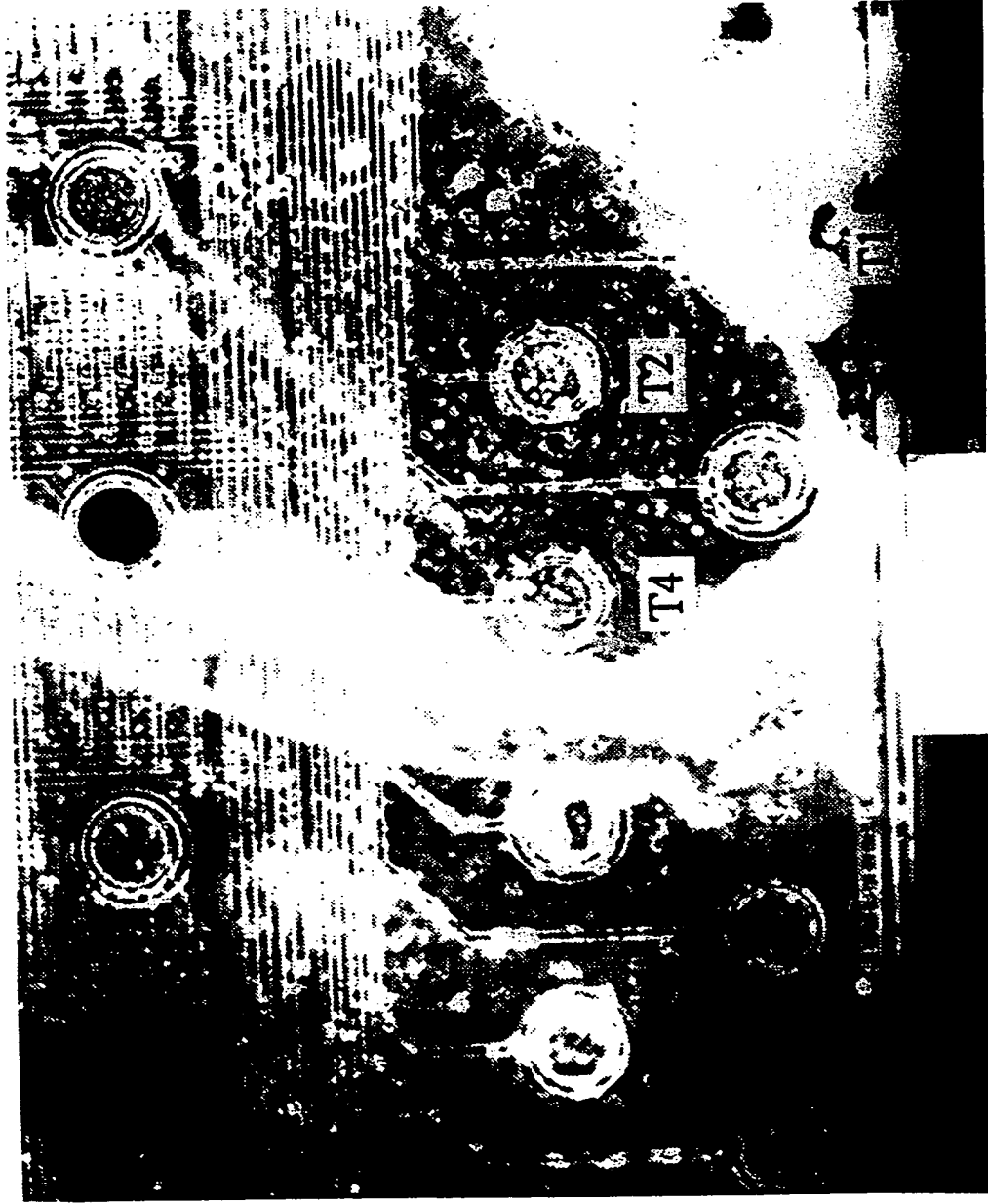


FIG. 25a

660T60" BETHSECO

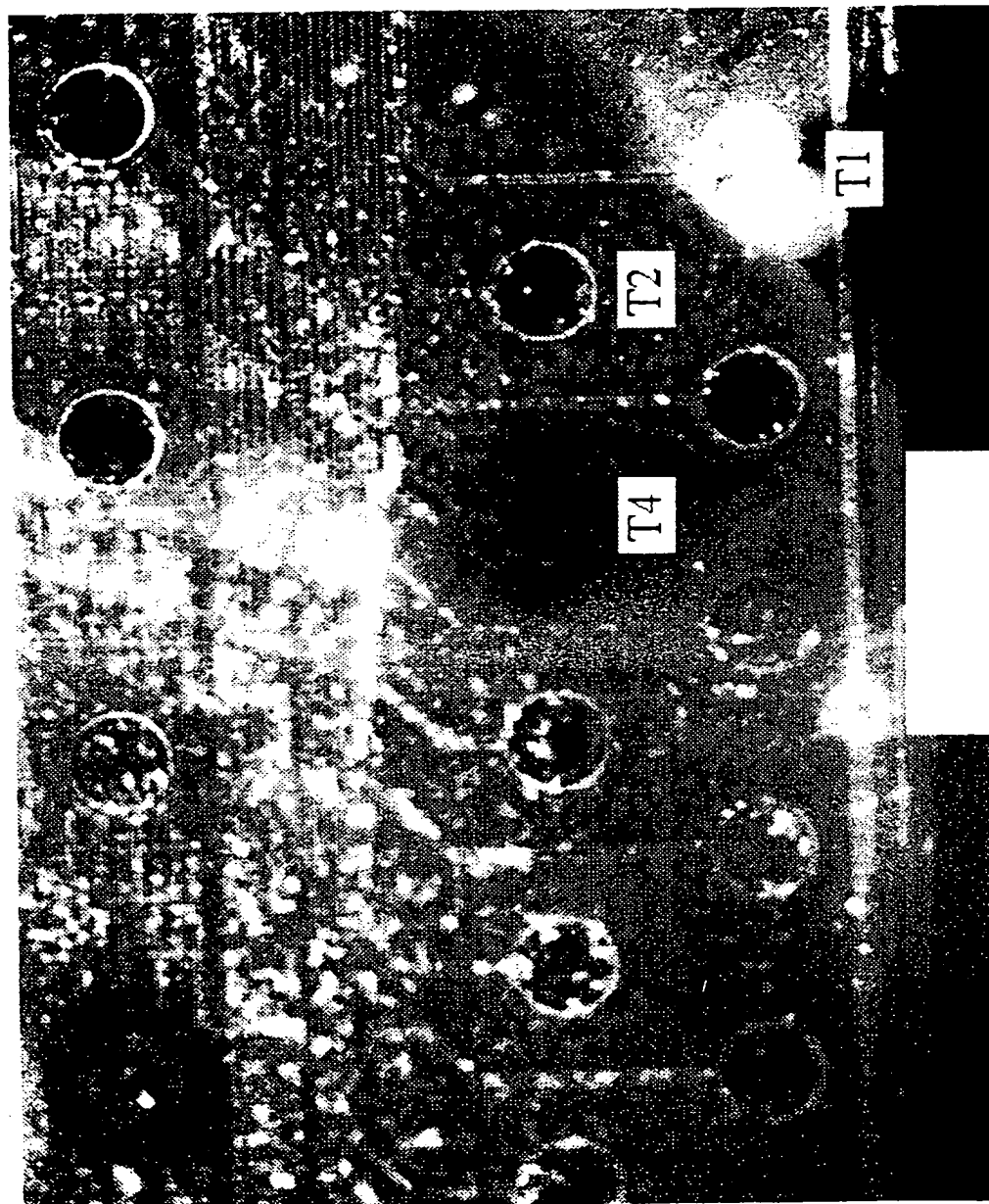


FIG. 25b

650T60" BETH6E60

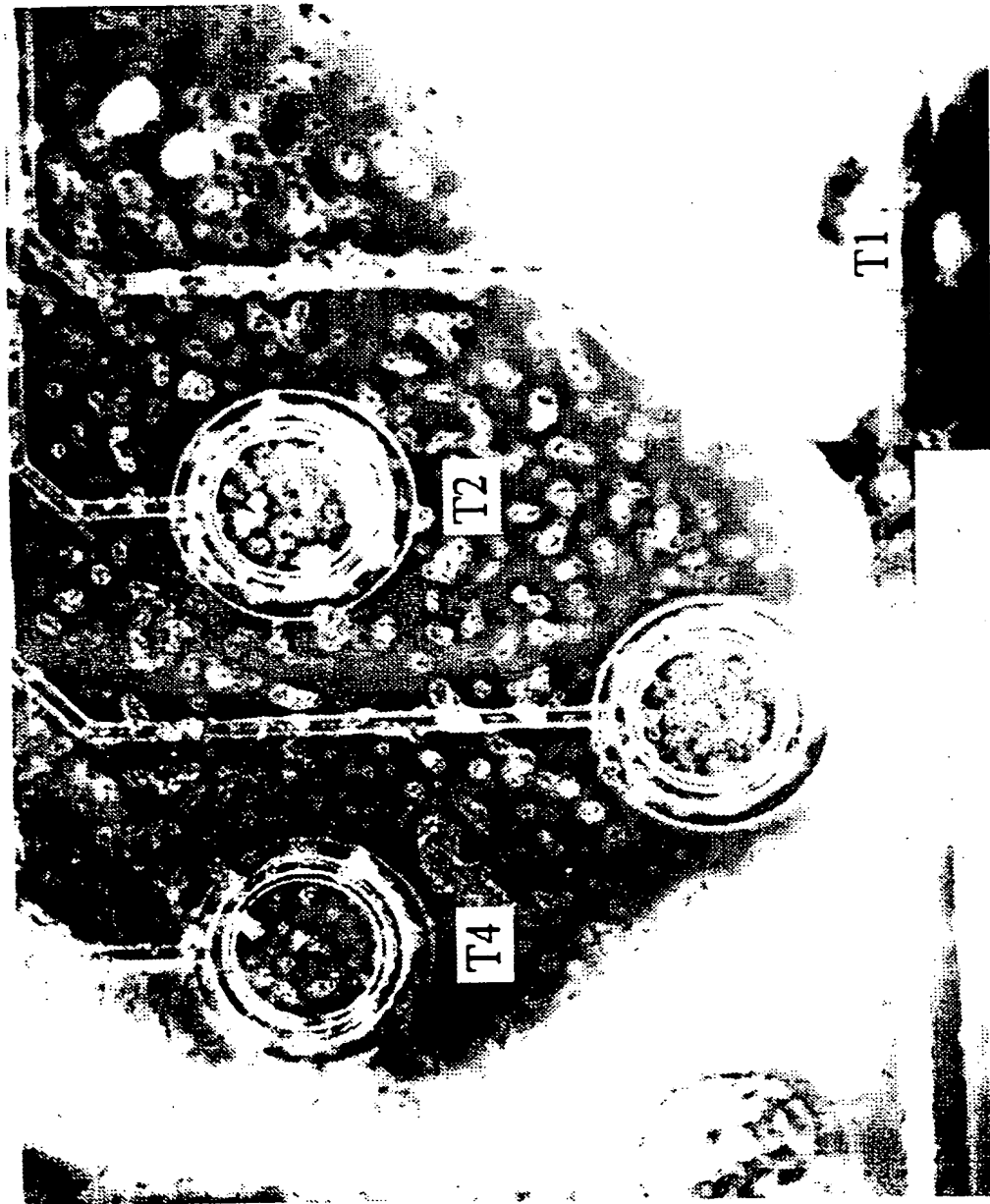


FIG. 26a

660T60" BETWEEN

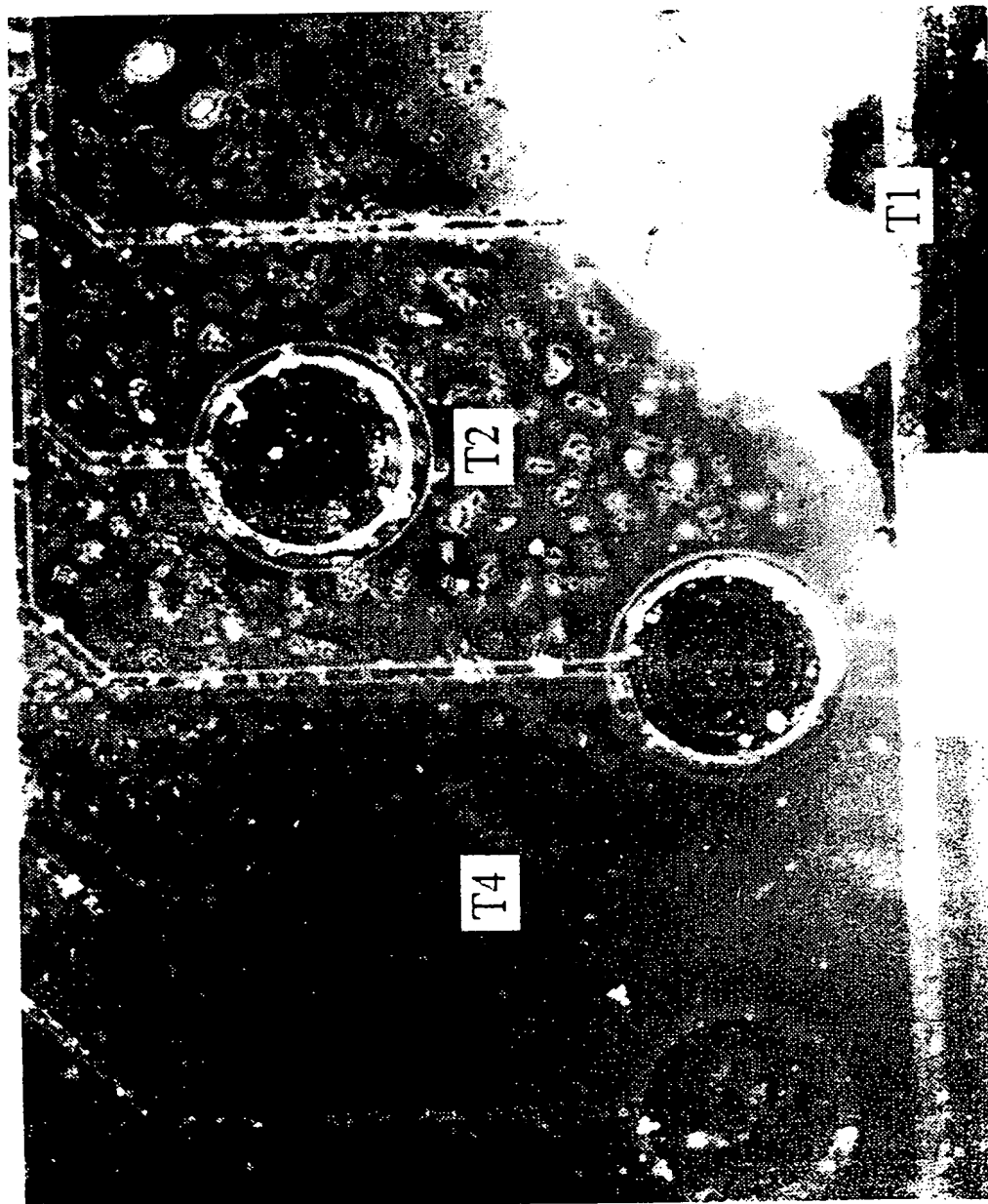


FIG. 26b

acryloyl chloride, bulk, blotin  
anh.

T<sub>1</sub>

T<sub>4</sub>

Figure 27

no biotin anh.

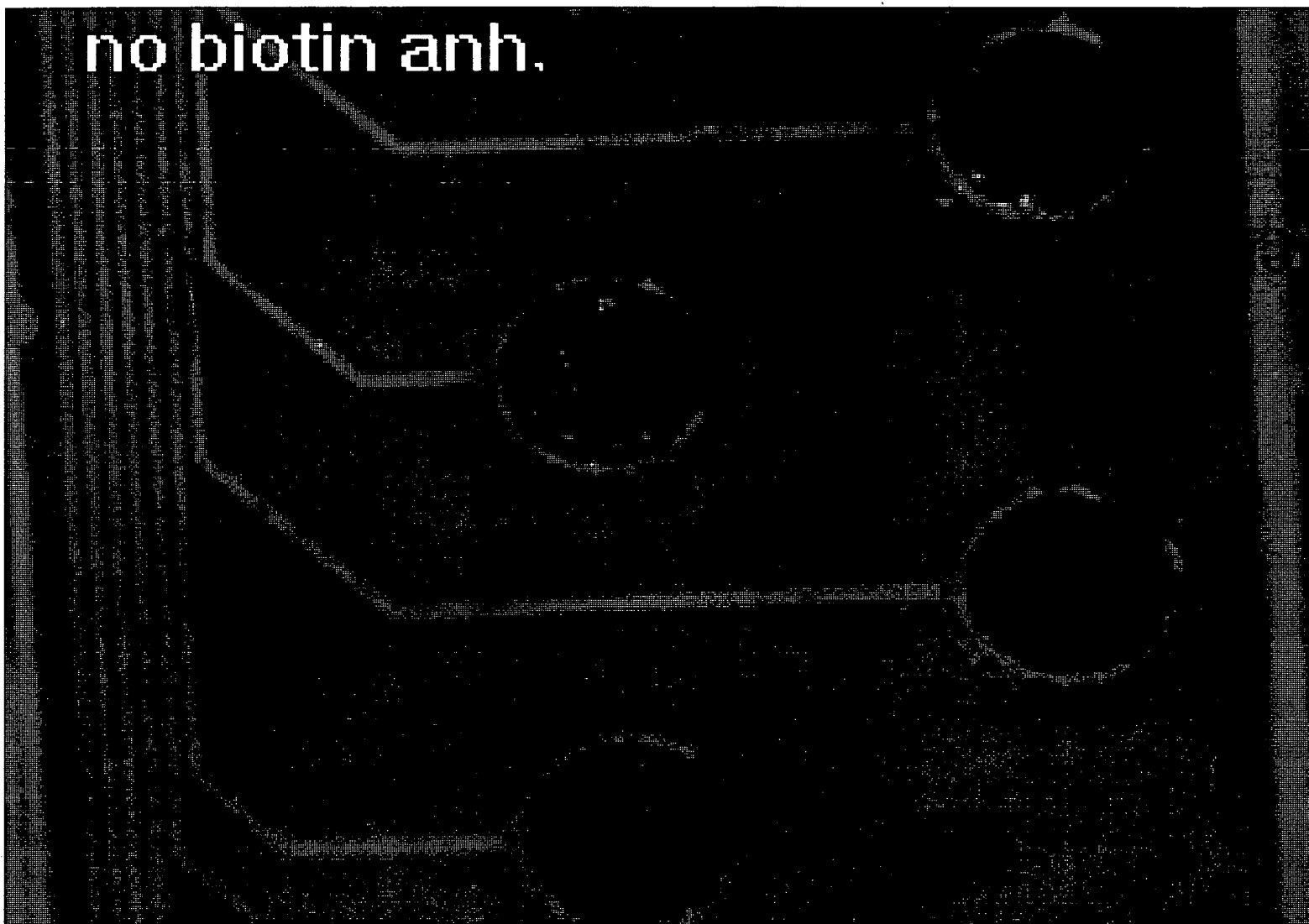


Figure 29

no vinyl

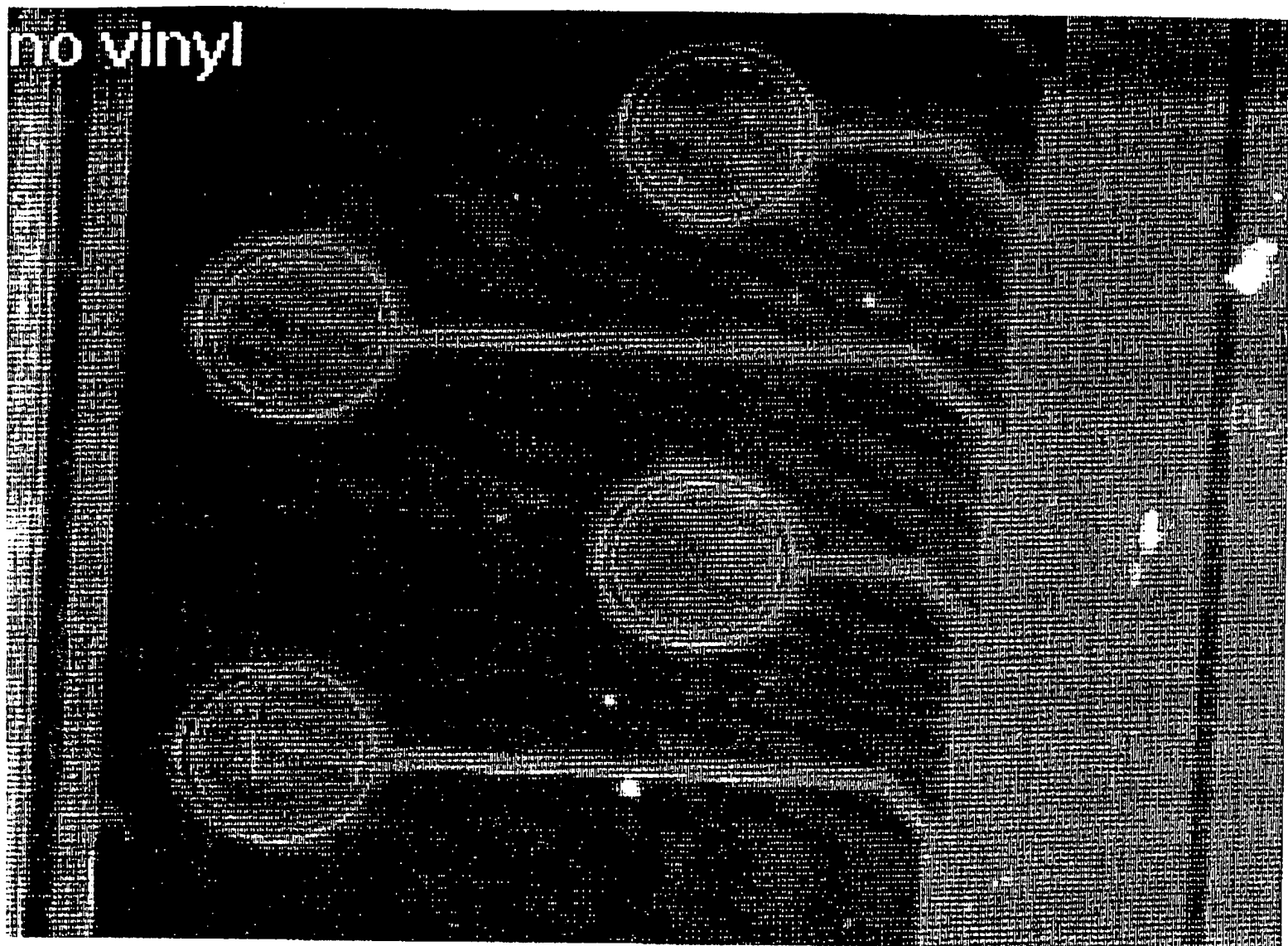


Figure 30



Figure 3

09394138, 091099

MOS GATE

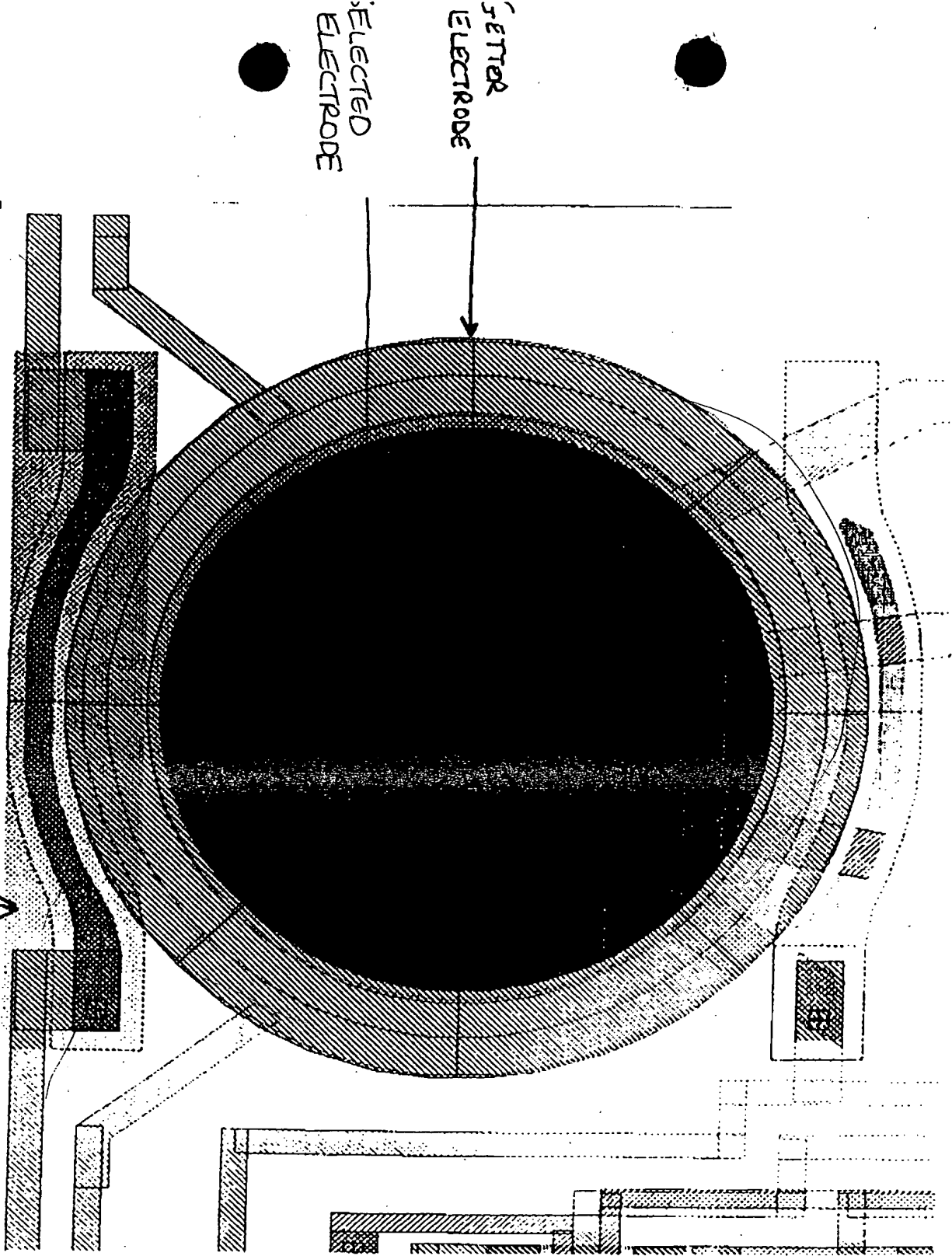


Figure 31

# Getter Measurements 0.1M Na<sub>2</sub>HPO<sub>4</sub> 45C 20min

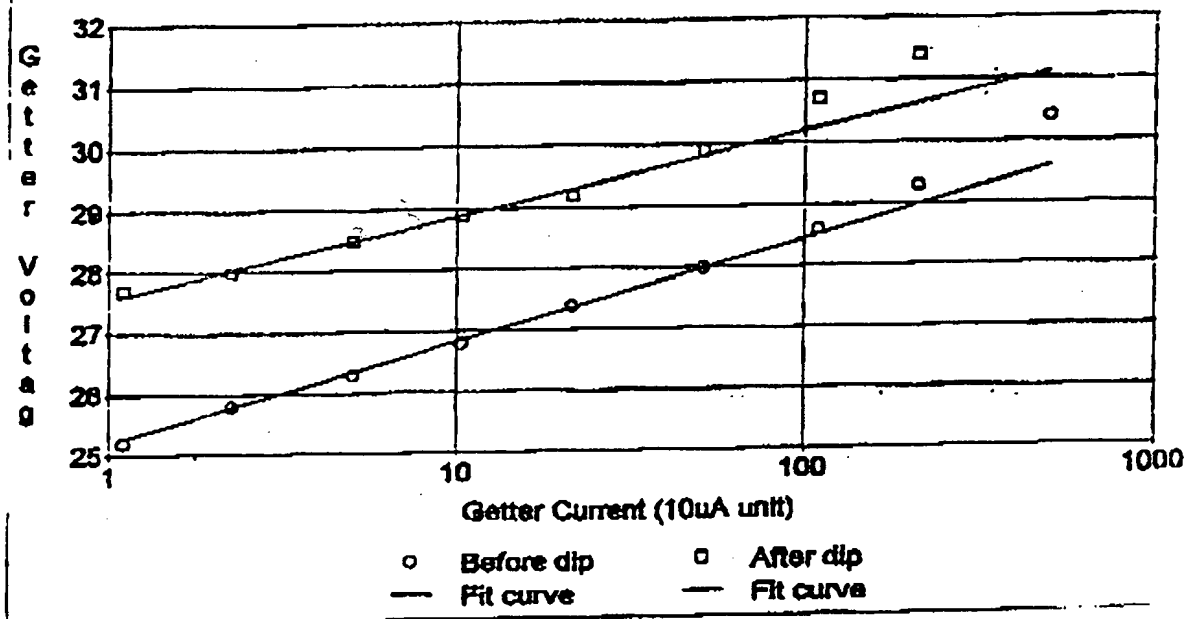


Figure 32

660760" GET-46E60

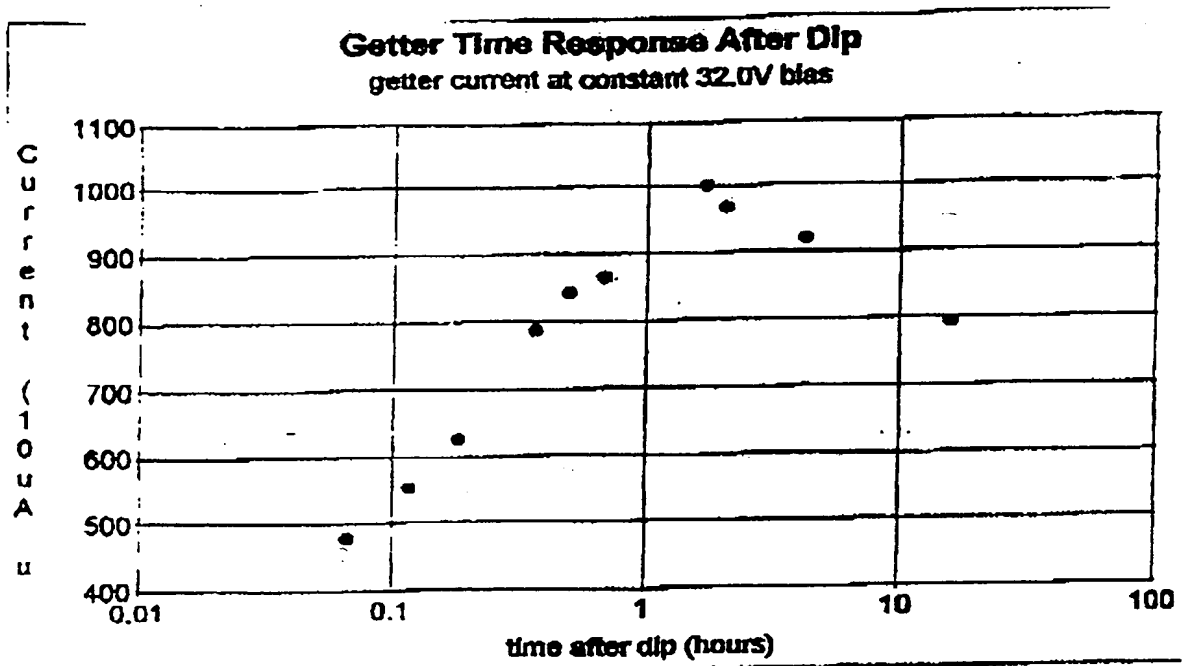


Figure 33

660760" RET45E60

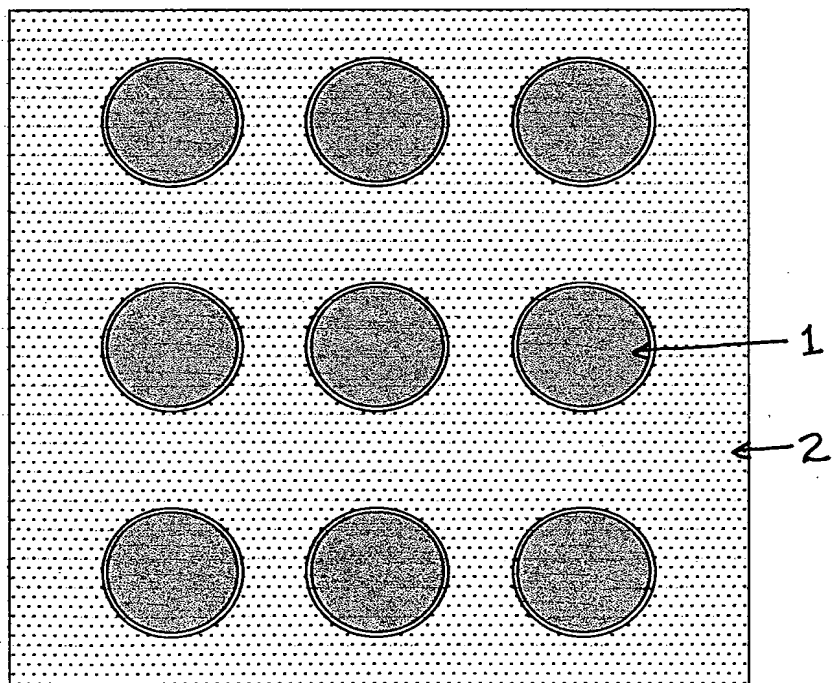


Figure 34 a and b

09394138.091099

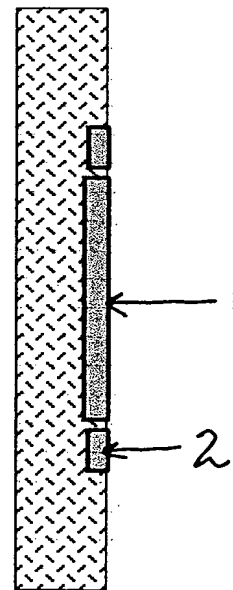
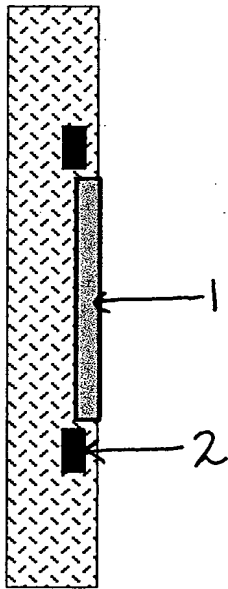
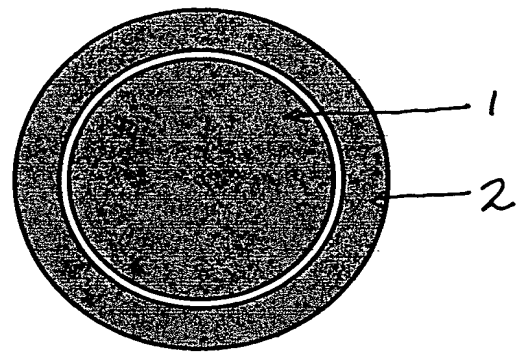
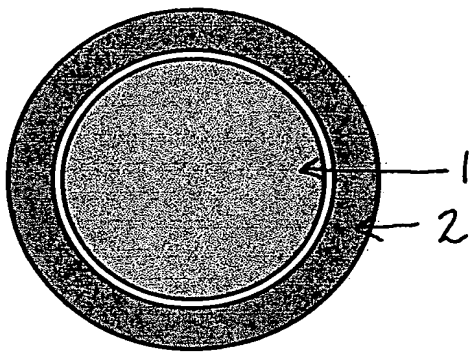


Figure 36 a and b

Figure 35 a and b

660T60" SET-H6E60

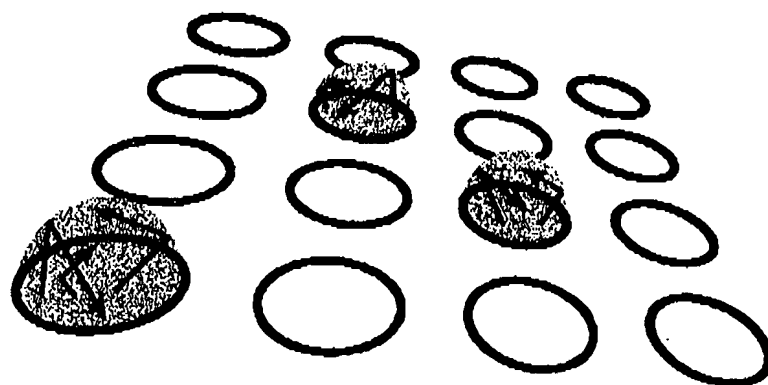
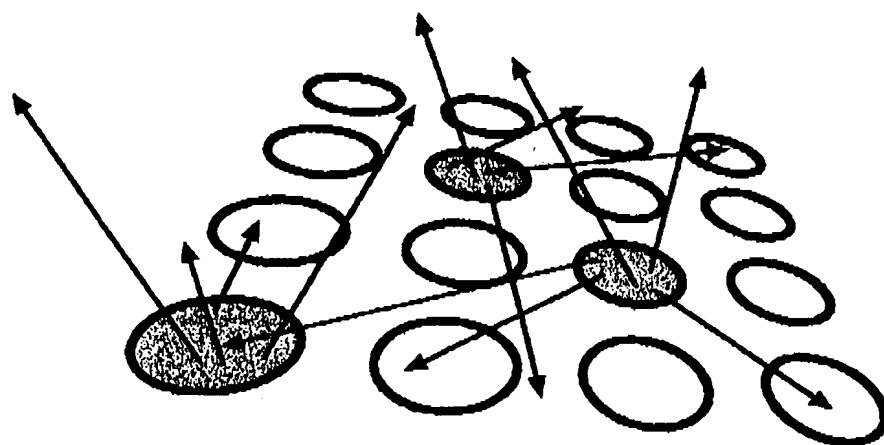


Figure 37

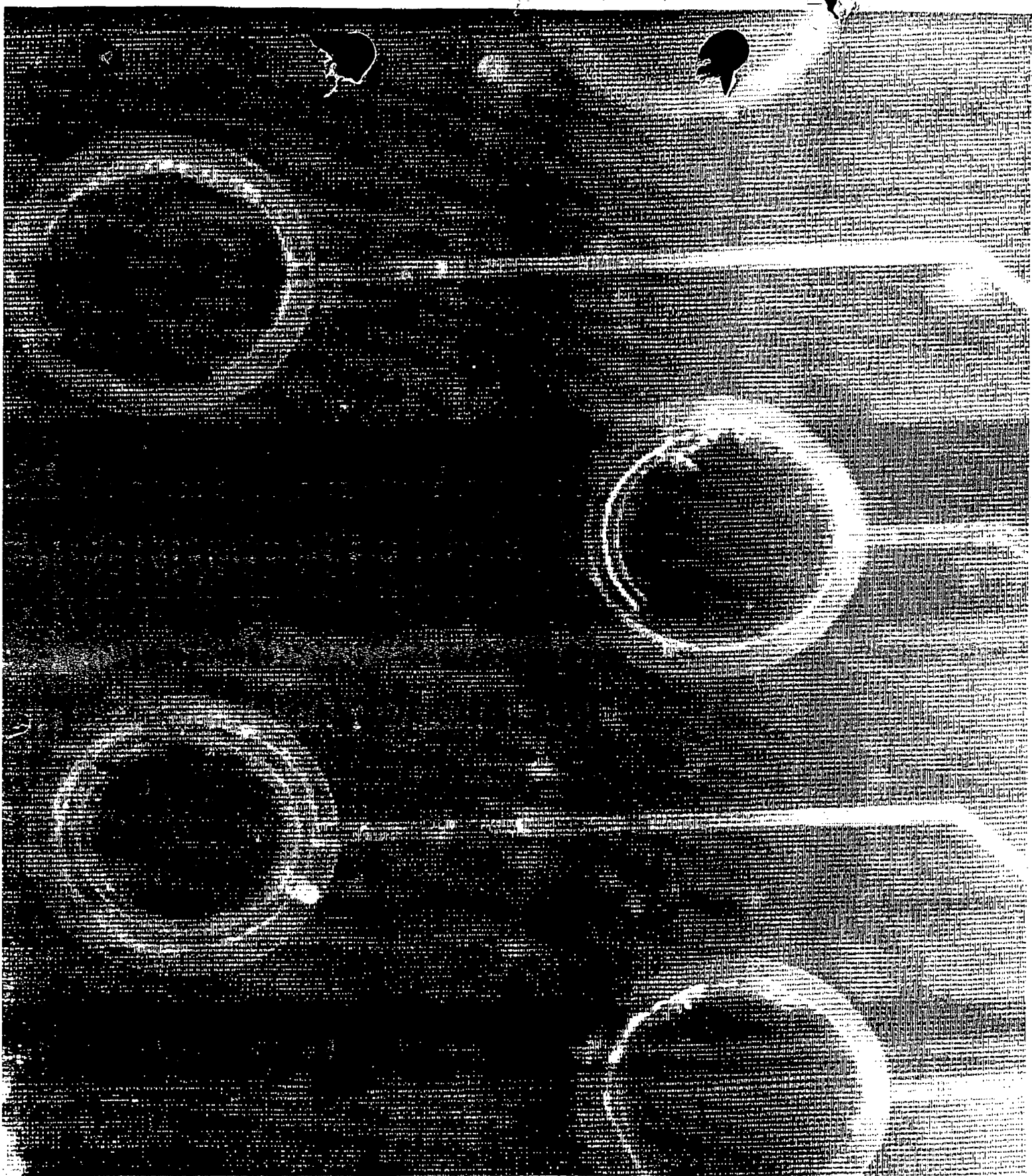


Figure 28